

SATURDAY 21 SEPTEMBER 2013

SAT 00:00 Midnight News (b03b2zwm)

The latest national and international news from BBC Radio 4. Followed by Weather.

SAT 00:30 Book of the Week (b03b97bc)

Sandra Hempel - The Inheritor's Powder: A Cautionary Tale of Poison, Betrayal and Greed

Episode 5

On the morning of Saturday 2nd of November 1833, the Bodle household sat down to their morning breakfast, sharing a pot of coffee. That evening, the local surgeon John Butler received an urgent summons - the family and their servants had all collapsed with a serious illness. Three days later, after lingering in agony, the wealthy grandfather George Bodle died in his bed at his farmhouse in Plumstead. The Bodels had been the victims of a terrible poisoning.

In the nineteenth century, criminal poisoning with arsenic was frighteningly easy. For a few pence and with few questions asked, it was possible to buy enough poison to kill off an entire family, hence arsenic's popular name - The Inheritor's Powder.

The surgeon John Butler had set about collecting the evidence that he hoped would bring the culprit to justice but, in the 1830s, forensic science was still in its infancy. Even diagnosing arsenic poisoning was a hit-and-miss affair.

So when a chemist named James Marsh was called as an expert witness in the case of the murder at Plumstead, he decided that he had to create a reliable test for arsenic poisoning, or the murders would continue and killers would be left to walk free. In so doing though he was to cause as many problems as he solved. Were innocent men and women now going to the gallows?

Sandra Hempel, author of The Inheritor's Powder, is a medical journalist who has written for a wide variety of both popular newspapers and magazines and specialist publications, from the Mail on Sunday and The Times to Nursing Times and BMA News.

Abridged by Libby Spurrier
Director: David Blount
A Pier production for BBC Radio 4.

SAT 00:48 Shipping Forecast (b03b2zwp)

The latest shipping forecast.

SAT 01:00 Selection of BBC World Service Programmes (b03b2zwr)

BBC Radio 4 joins the BBC World Service. BBC Radio 4 resumes at 5.20am.

SAT 05:20 Shipping Forecast (b03b2zwt)

The latest shipping forecast.

SAT 05:30 News Briefing (b03b2zww)

The latest news from BBC Radio 4.

SAT 05:43 Prayer for the Day (b03b300d)

A spiritual comment and prayer to begin the day with Sister Jane Livesey CJ.

SAT 05:45 iPM (b03b300g)

'A student told me his brother shot his mother in the head' - we hear from a prison teacher. And iPM traces how an idea developed by some American businessmen, ended up in the NHS. Your News is read by Barry Cryer. Email iPM@bbc.co.uk.

SAT 06:00 News and Papers (b03b2zwy)

The latest news headlines. Including a look at the papers.

SAT 06:04 Weather (b03b2zx0)

The latest weather forecast.

SAT 06:07 Ramblings (b03b2v74)

Series 25

The Tuesday Walkers of North Devon

Clare Balding walks in Somerset as the guest of The Tuesday Walkers of North Devon. Meeting at the village of Exford on Exmoor, they set out on a six mile circular route, which, like all of the group's walks, begins and ends at a pub. All the members

are retired and take their Tuesday hike as an important weekly date in their diaries. While enjoying the scenery, the company and the exercise all have good advice to offer Clare, on how to ensure a fit, healthy, active and happy retirement.
Producer: Lucy Lunt.

SAT 06:30 Farming Today (b03bd23r)

Farming Today This Week

It's tugging time! Charlotte Smith heads to the Eastern Region Ram Sale in Melton Mowbray, Leicestershire and chats to buyers and sellers about the art of spotting good breeding stock. Farmers invest big money in a pedigree ram and it's a decision they can't afford to get wrong - the quality of next year's lambs depends on it. Charlotte tries her hand at some traditional stock-judging by climbing into a pen of four Suffolk tups and assessing their "teeth and testicles". She also looks at the science behind the breeding and asks whether genetics recording and breeding values can beat the old-fashioned eye for a good tup. And we catch up with Charollais breeder Carroll Barber as she prepares for the sale ring and keeps her fingers crossed for a good price.
Presented by Charlotte Smith and produced by Anna Jones.

SAT 06:57 Weather (b03b2zx2)

The latest weather forecast.

SAT 07:00 Today (b03bd23t)

News and current affairs. Including Sports Desk, Weather and Thought for the Day.

SAT 09:00 Saturday Live (b03bd23w)

Andi Peters; Aggie MacKenzie's Inheritance Tracks

Anita Anand and JP Devlin talk to Andi Peters, television presenter, voice actor and media executive, puppeteer Nigel Plaskitt who has worked on Spitting Image, Gerry Anderson's New Captain Scarlet and is the man behind the PG Tips Monkey, Robin Mackness, one of the first people to import, in significant numbers, duvets to the UK, thus helping to change the bedroom habits of millions, John Ironmonger whose travels have deepened a love of leeches and rhinos, revel in the Inheritance Tracks of Aggie McKenzie, former M16 operative turned presenter of 'How Clean is Your House' and 'Storage Hoarders' and spend the day with the Brownlee Brothers who talk about their relationship, Yorkshire and the desire to win.

SAT 10:30 Shine like Tokyo - Northern Soul Goes East! (b03bd23y)

DJ Russ Winstanley unleashed the Wigan Casino on the world playing Northern Soul to thousands of young people in the club's legendary all-nighters.

The 70s were the heyday of the music genre and the Wigan Casino even beat New York's Studio 54 for title of Billboard Magazine 'best disco in the world' in 1978.

Northern Soul is often thought to be firmly rooted in place and time but four decades on from the opening of the Wigan Casino, Annie Nightingale discovers how it's capturing the imagination of people as far east as Japan.

She looks back at the roots of Northern Soul before hearing from DJs spinning their discs in Kobe, a Northern Soul band in Tokyo and regulars at night spots in several Japanese cities.

Soulies in England and Japan reflect on what it is that helps them 'keep the faith' while Annie tries to work out if there's a connection between the Northern England of the 70s and the Japan of 2013.

Producer: Liam Starkey
A Made in Manchester production for BBC Radio 4 first broadcast in 2013.

SAT 11:00 The Forum (b03bd240)

Dust and Ash

We can see it moving around, but we cannot stop its track. It's in our houses and places of work as well as in the atmosphere. And although we try to avoid it, it can keep the planet a little cooler. We discuss dust and ash. Joining Bridget Kendall are: Japanese-American writer Katie Kitamura, whose latest novel was inspired by volcanic ash travelling across boundaries; Xenia Nikolskaya, a Russian photographer who has captured images of deserted palaces and mansions in Egypt that are covered in dust; and Professor Charlie Bristow, a sedimentologist from Birkbeck College at the University of London, who has worked in the dustiest place on earth - the Bodélé basin in the Sahara - and has been examining why dust travels the Atlantic to nourish the Amazon rainforest. Photo: Serageldin Palace, Cairo 2006 © Xenia Nikolskaya

SAT 11:30 From Our Own Correspondent (b03bd242)

The Dry Bones of a Thousand Empires

Correspondents' despatches: Jeremy Bowen in Damascus reflects on the lessons a reporter learns after more than twenty years covering conflicts around the world: Steve Evans meets a lady down on her luck in a Baltic port city as Germany prepares for new elections; Diana Darke looks at Turkey's huge 'GAP' water project and wonders if it will work for or against the country's Kurdish population; near Toulouse in France they've found a crashed German wartime aircraft in a cave -- and some locals, it seems, weren't all that keen on digging up its history and can Emma Thomas really get to grips with the Danish language without looking at textbooks or going to classes. All will be revealed.

Tony Grant produces From Our Own Correspondent.

SAT 12:00 Money Box (b03bd244)

Pension crackdown; Child benefit fine warning; Outing closet trackers

The Office of Fair Trading says £40 billion pounds of pension money is tied up in funds that give poor value for money. Most of it is in old and often expensive funds some of which take 2.3% of the pension savings every year. The average cost of new funds is little more than 0.5% a year. The OFT is so worried it has called for an assessment, an audit, a consultation, and a scrutiny. But it does not go as far as capping charges which many would welcome.

Thousands of higher earners could be fined hundreds of pounds if they don't contact HMRC within the next two weeks. The people at risk earned more than £50,000 in 2012/13 and they, or their partner, got child benefit between 7 January and 5 April 2013. Unless they are already registered for self-assessment they must do so by 5 October. About 350,000 have to register as a result of the Child Benefit High Income Charge which will tax back some or all of the child benefit. The Chief Executive of HMRC will explain the rules.

People who run investment funds that simply track a stock market index like the FTSE 100 have much lower costs than active funds run by a manager and a team of researchers who buy and sell shares in the hope of outperforming the index. But some high cost managed funds are no more than 'closet trackers' which basically invest almost entirely in the big companies in the FTSE 100. So why do some charge as much as actively managed funds?

A charity has told Money Box it has had 60 fraudulent direct debits taken from its account in four years. Last week we revealed how easy it is to set up a direct debit using simply a sort code and bank account number. This week BACS - the system that sets up Direct Debits - explains what it does to check Direct Debits are genuine.

SAT 12:30 Bremner's One Question Quiz (b03b2zbp)

What Does the Future Hold?

Rory Bremner's satirical comedy takes one big contemporary question each week and attempts to answer it. Regular panellists Andy Zaltzman, Kate O'Sullivan and Nick Doody are joined this week by the environmental journalist George Monbiot and author of 'An Optimist's Tour of the Future', Mark Stevenson.

Together, they ask "What does the future hold?"

This deconstructed "quiz" has only one question each week, because that question is so big, there's no time for anything else. Expect a mix of stand-up and sketch combined with investigative satire and incisive interviews, with a diverse range of characters who really know what they're talking about. Rory's mantra is that it's as important to make sense out of things as it is to make fun of them - only then will people laugh at the truth.

Producers: Simon Jacobs and Frank Stirling
A Unique production for BBC Radio 4.

SAT 12:57 Weather (b03b2zx4)

The latest weather forecast.

SAT 13:00 News (b03b2zx6)

The latest news from BBC Radio 4.

SAT 13:10 Any Questions? (b03b2zwb)

Dominic Grieve, Sir Menzies Campbell, Emily Thornberry, Martin Lewis

Jonathan Dimbleby presents political debate and discussion from Sunninghill in Berkshire with Attorney General Dominic Grieve MP, Shadow Attorney General Emily Thornberry MP, the founder of moneysavingexpert.com Martin Lewis and Sir Menzies Campbell former leader of the Liberal Democrats.

SAT 14:00 Any Answers? (b03bd246)

Full-face veils and the spare room subsidy

A judge has ruled that a woman must remove her veil to give evidence to a court. She argues this breaches her human rights. Do you think Muslim women should have the right to wear a full-face veil in a court of law?

Since April, changes to housing benefit mean social housing tenants who have a spare room have either had to pay more in rent or move somewhere smaller. Labour say they plan to scrap it. What's your experience of the measure?

Call 03700 100 444 to take part, just after the 2 o'clock news. The presenter is Julian Worricker. The producer is Alex Lewis.

SAT 14:30 Saturday Drama (b03bd248)

Rumours

by Colin Shindler

The story of how Private Eye made a name for itself by taking on the social and political establishment of Great Britain, culminating in the resignation of Prime Minister Harold Macmillan.

Director Marc Beeby

BACKGROUND

The Profumo Affair was the catalyst for a revolution in the mood and character of British life. Aspects of that scandal appear here, but this play is not about Profumo or Christine Keeler or any of the well-known actors in that well-rehearsed drama. It is, rather, about events behind the scenes, about the wider rumours and scandals the affair forced into the light and, finally, the seismic cultural shift it helped unleash. Stirred up by the resentments over Suez, by CND, the Angry Young Men and even the frenzy of 1963's Beatlemania, the three young men who ran Private Eye helped to lift up the stone of the British establishment and, to the horrified but fascinated gaze of the nation, to reveal the frantic creepy crawlies that had lain there undetected for years. With Profumo's demise, the swelling tide of scorn and resentment for age, tradition and authority, the poisonous fantasy of limitless corruption into which it had ripened, was finally let loose in all its fury. Profumo and the scandals that followed "made" Private Eye. As a consequence, the magazine helped to end the Britain that had fought two world wars in defence of Empire and a class-based society. At the end of 1962 we were still the country that fought those wars and was "granting" independence to the indigenous peoples of its colonies. At the start of 1964 we were another country and the coming man was not Baille Vass, an Old Etonian who sat on the MCC committee, but a dour pipe-smoking Yorkshireman, a technocrat and a meritocrat, who supported Huddersfield Town and liked HP Sauce with his dinner. Private Eye would not care for "Wislon" either - but that is Private Eye all over.

SAT 15:45 Elizabeth Taylor Short Stories (b01kksrg)

The Blush

Acclaimed short story writer and novelist Elizabeth Taylor was known for her witty and powerful explorations of the bitter frustrations and passions which lurk beneath the civilised veneer of middle class life.

In The Blush, the peaceful but empty existence of a childless housewife implodes when she realises that the influence of her cleaning lady is far more wide-reaching than she had ever imagined.

Produced by Amanda Hargreaves.

SAT 16:00 Woman's Hour (b03bd24b)

Weekend Woman's Hour: Stevie Nicks; Margaret Hodge; Great Men Value Women

Stevie Nicks on the ups and downs of Fleetwood Mac and their reunion. We visit a school with comedian and actor Doc Brown as he talks to teenage boys about the Great Men Value Women initiative, and discuss the issues with Karen Ruimy and James Dawson, author of Being A Boy. Margaret Hodge MP on being chair of the Public Accounts Committee.

Dr Fiona Denison, a consultant in obstetrics at The Tommy's Centre at Queen's Medical Research Institute, Edinburgh tells us about her report looking at the dangers and impact of obesity in pregnancy.

Getting to 50/50 - the book that says working couples can have it all by sharing equally childcare and housework. We discuss with co-author Joanna Strober and Jessica Chivers, a coach and mentor to women returning to work.

The trials and tribulations of larger actresses with agent Paul

Newberry and Sue McCormick, who wrote her own play - No Fat Juliets - to get a worthwhile role. And author Nicola Upson on her latest Josephine Tey novel, The Death of Lucy Kyte.

SAT 17:00 PM (b03bd24d)

Saturday PM

Full coverage of the day's news.

SAT 17:30 IPM (b03b300g)

[Repeat of broadcast at 05:45 today]

SAT 17:54 Shipping Forecast (b03b2zx8)

The latest shipping forecast.

SAT 17:57 Weather (b03b2zxb)

The latest weather forecast.

SAT 18:00 Six O'Clock News (b03b2zxd)

The latest national and international news from BBC Radio 4.

SAT 18:15 Loose Ends (b03bd24g)

Martin Clunes, John Otway, Arthur Smith, Bernadine Evaristo, Cloud Control, Moya

Clive has a check-up with the man who used to Behave Badly, actor Martin Clunes, who reprises his role as Dr. Martin Ellingham, the GP with a brusque bedside manner and a phobia of blood in ITV drama 'Doc Martin', set on the beautiful North Cornish coast. The next episode is on Monday 22nd September at **21.00**.

Clive has a love-in with author and poet Bernadine Evaristo, whose new novel 'Mr Loverman' is a groundbreaking exploration of Britain's older Caribbean community. Antiguan born flamboyant Hackney pensioner Barrington Jedidiah Walker is teetering on the edge of a life-changing decision when his marriage goes into meltdown.

Arthur Smith gets Deep & Meaningless with cult legend John Otway, who in the midst of Britain's punk revolution and after a momentous TV appearance where 5.5 million viewers watched him land painfully on his testicles, was riding high in the charts. Too bad his next HIT was 25 years later! 'Rock And Roll's Greatest failure: Otway The Movie' demonstrates all too well the pitfalls of the rock 'n' roll dream.

Life's Too Short for actor Warwick Davis, who's about to star in West End favourite 'Spamalot.' He talks to Clive about launching his career as Wicket the Ewok in Star Wars VI: Return of The Jedi and starring in fantasy feature film 'Willow'. Warwick's playing Patsy from 23rd September until 19th October at The Playhouse Theatre, London.

With music from bright new star Moya, who performs 'Come and Get It'. And from Australian psych-pop foursome Cloud Control, who perform 'Scar' from their album 'Dream Cave'.

Producer: Sukey Firth.

SAT 19:00 Profile (b03bd24j)

Billy Connolly

Comedian Billy Connolly has announced new film and touring plans despite facing ill health. Mark Coles explores how Connolly has long used humour to defy serious adversity. Childhood abuse and alcoholism have been countered by a rich musical, comedy and acting career.

In this profile of the Glasgow welder who became a global star, Connolly's own performances and voice are mixed with the thoughts of those who know him well - including singer Barbara Dickson and producer John Lloyd.

Producers: Heba Ayoub, Chris Bowlby.

SAT 19:15 Saturday Review (b03bd24i)

Eleanor Catton's The Luminaries and A Midsummer Night's Dream

A Midsummer Night's Dream is the latest star-studded production in the Michael Grandage season at the Noel Coward theatre in London. Starring Sheridan Smith and David Walliams, one of its aims is to bring a fresh audience to Shakespeare.

Eleanor Catton's novel The Luminaries is on the Man Booker shortlist. At 27 she's the youngest ever writer to be in that position. It's an intricate account of extraordinary interwoven happenings around the goldfields of 19th century New Zealand.

Australia at the Royal Academy is a major new exhibition: some work has never travelled to the UK before, including Sidney Nolan's iconic Ned Kelly pictures. It foregrounds the work of many Aboriginal artists including Rover Thomas and Emily Kame Kngwarreye and offers both a historical survey and a showcase for contemporary work.

InRealLife is Beeban Kidron's new documentary posing the question of what the internet is doing to our young people, taking in the free availability of online porn, cyberbullying and the nature of the corporations behind the search engines.

And The Wrong Mans is James Corden and Mathew Baynton's new comedy for BBC2 - it's aiming for American production values with some very British laughs as a county council employee gets taken for someone very different indeed.

Kit Davis, David Benedict and Louise Doughty join Tom Sutcliffe.

Producer: Sarah Johnson.

SAT 20:00 Archive on 4 (b03bd24n)

How to Be, or Not to Be, a Politician

Serving Cabinet Ministers and other experienced politicians share their secrets and recall moments when they wish they had done things differently. Anne McElvoy looks at advice from Ancient Rome and talks to today's politicians. She hears their views on how to be a successful politician and some of the classic pitfalls to avoid.

Interviewees include Iain Duncan Smith, Boris Johnson, Peter Hain, Shirley Williams, Louise Mensch, Hazel Blears, Kenneth Clarke, Edwina Currie, Alan Johnson, Miranda Green, Melissa Lane

Producers:
Catherine Donegan
Jane Ashley.

SAT 21:00 Classic Serial (b039z4f2)

Jerome K Jerome - Three Men in a Boat

Episode 1

The Now Show's Hugh Dennis and Steve Punt with Julian Rhind-Tutt from Green Wing star in a sparkling new dramatisation of Jerome K Jerome's comic classic.

In Edwardian London, three carefree young men and their dog, Montmorency, plan a rowing holiday down the Thames to Oxford. But nothing goes smoothly.

Episode 1:
Even their packing proves a trial for the trouble-prone J, Harris and George. On the eve of the trip they manage to oversleep, they struggle to find the right train from Waterloo to Kingston and get hopelessly lost in the maze at Hampton Court. They navigate their first lock successfully and end up at yet another hostelry 'for just one drink', but the evening ends on a dangerous note - Harris decides he will sing a comic song. Oh dear.

Three Men In A Boat has never been out of print since its first publication in 1889. In stark contrast to the adventure writers of the time - Kipling, Haggard and Stevenson - Jerome K Jerome gave us a story about three ordinary fellows having a jolly time down the river.

Pub singers..... from Rose Bruford College
Music..... provided by Gary Yershon, with Eddie Hession on accordion

Dramatised by Chris Harrald
Original and adapted music by Gary Yershon

Sound design: Eloise Whitmore

Producer: Melanie Harris
Executive Producer: Polly Thomas

A Sparklab production for BBC Radio 4.

SAT 22:00 News and Weather (b03b2zxxg)

The latest national and international news from BBC Radio 4, followed by weather.

SAT 22:15 Unreliable Evidence (b03b2md6)

Whistleblowers

Clive Anderson's guests call for new laws both to encourage employees to report criminal behaviour and malpractice in their organisations and to protect them if they blow the whistle.

The programme brings together leading lawyers to discuss the developing law relating to whistle-blowing and to consider concerns that the law does not adequately protect employees from unfair dismissal, bullying or blacklisting.

In the wake of the Libor scandal and disturbing revelations about NHS care, does the law offer sufficient safeguards to employees who report a criminal offence, miscarriage of justice, danger to someone's health and safety or damage to the environment?

Cathy James, chief executive of the whistle-blower charity, Public Concern at Work, reveals that three out of four people interviewed say nothing ever happens when they complain about bad practices within the workplace. The programme hears that, despite legislation designed to prevent victimisation of whistle-blowers, most people are still scared to raise their head above the parapet.

Robert Francis QC, who chaired the public inquiry into the Mid Staffs NHS Foundation Trust, calls for new laws to make victimisation by colleagues a criminal offence and for attempts to obstruct whistle-blowing to be made illegal also.

But barrister Caspar Glyn QC is concerned that, all too often, disgruntled, under-achieving employees use whistle-blowing legislation as a sword - threatening to report workplace malpractice unless they receive enhanced severance payments. He says employers need protection as well as employees.

Producer: Brian King
An Above the Title production for BBC Radio 4.

SAT 23:00 Round Britain Quiz (b03b0q9p) (1/12)

'In what way could a major Scottish river, a senior barrister, an area of well-trimmed grass, and Birkin's lover, be of material interest to a Nottingham smith?'

Tom Sutcliffe is in the chair for the first contest in the 2013 season of the much-loved cryptic quiz between UK regions. The first match pits The Midlands against Scotland, attempting to answer the programme's trademark questions which require lateral thinking across a wide field of knowledge, from literature, history, music and the natural world to current affairs and popular culture.

The series includes more selections than ever from listeners' own question ideas, which can be submitted by e-mail or via the programme's webpages.

Wales have dominated the contest in recent years, so the other teams will be going all-out to loosen the Welsh grip on the Round Britain Quiz title. The champion team will be the one that wins the greatest number of matches across the series.

Producer: Paul Bajoria.

SAT 23:30 Poetry Please (b039zdv7) Story Poems 2

Roger McGough introduces some story poems including work by Wilfred Owen, Stevie Smith and Rudyard Kipling. Readers: John Mackay, Niamh Cusack, Anton Lesser and Kenneth Cranham. Producer: Tim Dee.

SUNDAY 22 SEPTEMBER 2013

SUN 00:00 Midnight News (b03bd7mt)

The latest national and international news from BBC Radio 4. Followed by Weather.

SUN 00:30 Opening Lines (b012r7if) Series 13

The Marzipan Husband

Sarah Dunnakey's radio debut in the series for emerging short story writers.

A charming fable about letting go in which a wife discovers that her husband appears to be turning into marzipan.

Read by Melanie Kilburn
Produced by Gemma Jenkins

Sarah Dunnakey is a quiz question writer and verifier. Her TV and radio credits include Mastermind, University Challenge and Round Britain Quiz. As a short story writer she has been published in Leaf Fiction, bluechrome and Fish Publishing anthologies.

SUN 00:48 Shipping Forecast (b03bd7mw)

The latest shipping forecast.

SUN 01:00 Selection of BBC World Service Programmes (b03bd7n0)

BBC Radio 4 joins the BBC World Service. BBC Radio 4 resumes at 5.20am.

SUN 05:20 Shipping Forecast (b03bd7nc)

The latest shipping forecast.

SUN 05:30 News Briefing (b03bd7nq)

The latest news from BBC Radio 4.

SUN 05:43 Bells on Sunday (b03bd91f)

The bells of St Vedast, Foster Lane, London.

SUN 05:45 Profile (b03bd24j)

[Repeat of broadcast at 19:00 on Saturday]

SUN 06:00 News Headlines (b03bd7pp)

The latest national and international news.

SUN 06:05 Something Understood (b03bd91h)

The Boundaries of Reason: Part 1

In the first of two programmes, Mark Tully questions the apparent conflict between religion and reason and asks if the two are more closely related than we might think.

Rationalism often seems to exclude religious thought but, in conversation with Mark, neuroscientist Baroness Susan Greenfield suggests that, far from being mutually exclusive, we should look to them both in order to make sense of our existence. And when it comes to advances in science, Mark asks if there are limits we should be prepared to put on our powers of inventiveness, and on our faith in reason to solve our problems.

On the one hand William Wordsworth implores us to "close up these barren leaves" of science and simply wonder at nature instead while, on the other, Charles Dickens' Mr Gradgrind demands that "by means of addition subtraction multiplication and division settle everything somehow, and Never Wonder!".

Thankfully, music from Johann Sebastian Bach and Hildegard de Bingen bring religion and science back into harmony.

The readers are Peter Guinness, Frank Stirling and Emily Raymond

Producer: Adam Fowler.
A Unique production for BBC Radio 4.

SUN 06:35 On Your Farm (b03bd91k)

In the wake of the horsemeat scandal, this morning's On Your Farm looks at what use there is for horsemeat in the UK. More than 300 ponies are culled every year on Dartmoor, because there is no market for them. These are mainly the colts, which have to be gelded (castrated) in order to be sold, which costs money in vets' fees. Now there's a scheme on Dartmoor where the meat from some of these ponies is used to feed zoo animals. Sybil Ruscoe follows this process through from the hillside to the big cat enclosure at Dartmoor Zoo. She also looks at a new project which is using the skins to make drums.

Presented by Sybil Ruscoe. Produced by Anna Varle.

SUN 06:57 Weather (b03bd7pr)

The latest weather forecast.

SUN 07:00 News and Papers (b03bd7pt)

The latest news headlines. Including a look at the papers.

SUN 07:10 Sunday (b03bd91m)

Shelagh Fogarty talks to Stephen Timms, Shadow Minister for Employment about the Labour Party's relationship with faith.

Reporter Louise Adamson visits Bishop Edward King Chapel at Ripon College, Oxfordshire, the first religious building to be shortlisted for the prestigious RIBA Stirling Prize.

Talks aimed at resolving outstanding 'Shared Future' issues have begun in Belfast, but will they resolve anything? Shelagh talks to the Rev Norman Hamilton, a Presbyterian Minister in North Belfast, David McKittrick, Ireland Correspondent for the Independent newspaper and the Rev Alistair Smyth, Deputy Grand Master of the Grand Orange Lodge of Ireland.

A YouGov poll published this week shows the majority of people in Great Britain are against state funding for faith schools. Professor Linda Woodhead from Lancaster University discusses the findings.

As the controversy over the use of the word 'Yid' in football chants rumbles on, our reporter Bob Walker investigates how football has played a role in shaping British Jewish identity.

The Church's moral structure could "fall like a house of cards" unless it changed, so warns Pope Francis in his first extensive interview. Shelagh talks to Paddy Agnew, the Irish Times' Vatican Correspondent about the Pope's priorities for the future.

And as issues about the full faced veil provoke a Government Minister to call for a national debate, Shelagh Fogarty explores where it may lead with Dr Sara Silvestri, from City University, London and Mirina Paananen, a student at the As-Suffa Institute in Birmingham.

Producers:
Amanda Hancox
Jill Collins

Guests:
Stephen Timms MP
The Rev Norman Hamilton
David McKittrick
The Rev Alistair Smyth
Paddy Agnew
Dr Sara Silvestri
Mirina Paananen
Prof Linda Woodhead.

SUN 07:55 Radio 4 Appeal (b03bd91p)

Freshwater Habitats Trust

Martin Hughes-Games presents the Radio 4 Appeal on behalf of the charity Freshwater Habitats Trust.
Reg Charity: 05317683
To Give:
- Freephone 0800 404 8144
- Freepost BBC Radio 4 Appeal, mark the back of the envelope
Freshwater Habitats Trust.
Give Online www.bbc.co.uk/radio4/appeal.

SUN 07:57 Weather (b03bd7qc)

The latest weather forecast.

SUN 08:00 News and Papers (b03bd7qq)

The latest news headlines. Including a look at the papers.

SUN 08:10 Sunday Worship (b03bd91r)

Making Connections.
A harvest service with the staff and students of South Wales Baptist College, Cardiff led by the Rev'd Ed Kaneen. Preacher: The Rev'd Dr Peter Stevenson. Cambrensis Choir & Ensemble. Conductor: Anne Brown. Accompanist: Jonathan Davies. Producer: Karen Walker.

SUN 08:48 A Point of View (b03b2zby)

AL Kennedy: Someone to Watch Over Me

AL Kennedy reflects on our tendency to behave badly when we think no-one's watching or when we follow the wrong crowd.

"When psychologists test how people behave with and without oversight, it becomes depressingly clear that if we think nobody's looking, we don't even remotely always let our consciences be our guides," she writes. "Even very normal, pleasant people can delegate their morality to other people who appear to be in charge, even of bizarre and disturbing scenarios."

Producer: Sheila Cook.

SUN 08:58 Tweet of the Day (b038qk6p)

Great Shearwater

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs.

Brett Westwood presents the Great Shearwater; a wanderer of the open ocean. They breed on remote islands in the South Atlantic and then disperse widely and many follow fish and squid shoals northwards, appearing around UK coasts in late summer and early autumn. The south-west of Britain and Ireland is the best area to look for them.

SUN 09:00 Broadcasting House (b03bg7gj)

Sunday morning magazine programme with news and

conversation about the big stories of the week. Presented by Paddy O'Connell.

SUN 10:00 The Archers Omnibus (b03bg7gl)

Matt paints a rosy picture, and Lynda breaks the bad news.

SUN 11:15 Desert Island Discs (b03bg4v7)

Zadie Smith

Kirsty Young's castaway this week is the novelist and critic, Zadie Smith.

First published at just twenty four her debut novel "White Teeth" garnered huge attention and praise. As a result she suffered the unnerving experience of doing her literary growing up in public.

Yet in spite of the scrutiny she blossomed. In the 13 years since, her novels, essays and short stories have brought numerous literary prizes and critical praise. Born to a Jamaican mother and a British father she was brought up in Willesden, North London where many of her characters live. She began writing at the age of 5 and was a voracious reader - devouring the greats of literature. Now she divides her time between Willesden and New York where she teaches creative writing.

She describes herself as "an English novelist enslaved to an ancient tradition" and yet her chosen areas of exploration could not be more of the moment.

She says, "I'm really interested in what memory feels like ... we only have snapshots of the past ..." she continues to declare that writing isn't about "being experimental, it's about finding something true."

Producer: Cathy Drysdale.

SUN 12:00 Just a Minute (b03b0q9w)

Series 67

Episode 6

Nicholas Parsons invites Paul Merton, Stephen Mangan, Pam Ayres and Gyles Brandreth to talk for 60 seconds without hesitation, repetition or deviation.

Producer Katie Tyrrell.

SUN 12:32 The Food Programme (b03bg7gn)

A Quiet Food Revolution: The Story of Myrtle and Darina Allen

Myrtle and Darina Allen, revolutionised food in Ireland with their cooking. From pioneering restaurants to groundbreaking farmers' markets, Dan Saladino tells the story of food and Ballymaloe.

In 1964 Myrtle Allen, a mother and farmers' wife turned her home in Cork into a restaurant like no other. Ingredients were grown on the family farm, foraged locally or sourced by producers nearby. Unusual for its time, menus were written on a daily basis and traditional Irish recipes were celebrated.

The restaurant influenced people's thinking on what a restaurant could be. In 1968 Myrtle was joined by a young ambitious cook from Dublin, Darina O'Connell. She married into the family and became the now much celebrated Darina Allen, cook, writer and television presenter.

The Food Programme looks at five decades of work, in food, by the two women, from the original restaurant Ballymaloe House to the world famous Ballymaloe Cookery school. It features adventures in Paris, pioneering ideas on how food should be bought and sold as well as campaigns to keep food traditions alive.

Producer: Dan Saladino.

SUN 12:57 Weather (b03bd7rj)

The latest weather forecast.

SUN 13:00 The World This Weekend (b03bg7gq)

The latest national and international news, including an in-depth look at events around the world. Email: wato@bbc.co.uk; twitter: #theworldthisweekend.

SUN 13:30 Tom Ravenscroft's One Man Band (b039cbsz)

With a guitar in hand, harmonica in mouth, cymbals and bells and a big drum strapped to the back, Tom Ravenscroft goes in search of the musical characters who prefer to go solo.

One Man Bands have a surprisingly long history, documented in

pictures and writings from France and Spain as far back as the middle ages. Entertaining and enterprising men, they started with a flute and a drum and, over the centuries, have literally added whistles and bells - as well as cymbals, harmonica, accordion, trumpet, and the list goes on.

Contemporary one man band legends include North Carolina's Jim Garner, Georgia's Jesse Fuller and West Virginia's Hasil Adkins who have all influenced current players such as Bloodshot Bill and Washboard Hank - who Tom tracks down.

Charmed by their inventiveness and talent, Tom visits the one man band festival, an annual event in Montreal where the world's most musical solitary figures perform. He finds some eccentric characters with rich stories following traditions that stretch way back into British and American folk and blues music. Meeting performers such as Bob Log III, Dana Schechter (also known as Insect Ark) and Spain's 'Hyperpotamus', Tom learns what it takes to become a one man band.

Producer: Jo Meek
A Sparklab production for BBC Radio 4.

SUN 14:00 Gardeners' Question Time (b03b2zbf)

Ness Botanic Gardens, Wirral

Peter Gibbs is joined by Matt Biggs, Bob Flowerdew, Anne Swithinbank and James Wong to answer questions from a local audience at Ness Botanic Gardens on the Wirral.

Produced by Victoria Shepherd
A Somethin' Else Production for BBC Radio 4.

This week's questions:

Q. Which plant would the panel have most liked to have introduced to the UK and which plants are they glad they didn't?

A. Blue rose (a variety of which has still has not been found and introduced), Rubus Macrocarpus (the 'Andean Giant blackberry' has only been photographed once, in the 1920s, and never been seen since) and the grape vine. Unwanted plants include Japanese knotweed, Leylandii, Poison Ivy and mini sweet corn.

Q. Can the panel offer any advice to a new student of horticulture?

A. Horticulture is taught with many exacting techniques, which can be quite daunting, but don't be daunted by the hard and fast rules. Conduct your own trials - ask questions and try it out on the ground!

Q. We planted what we thought were two cucumber plants - but they did not produce cucumbers. What did we grow?

A. This is probably a marrow! Let the seed merchant know if you purchased incorrectly labelled seeds.

Q. When growing sprouts, should the leaves be removed as the plant develops?

A. Around November, the rosette of leaves at the top of the plant should be nipped off, which ensures large sprouts in time for Christmas! However, the lower leaves should not be removed.

Q. What can the panel suggest for a very small back garden that only gets the sun in the early morning and a very small front garden in full sun, preferably providing year-round colour and a habitat for bees and butterflies.

A. Planting some controllable hedge plants in the front garden to provide privacy will make the space more usable - Yew, Hornbeams and Quince in tubs are all recommended. For insects, Borage is a favourite with bees and will also deter slugs thanks to its furry leaves.

Q. Which are the easiest edible fungi to grow?

A. Oyster mushrooms come in many varieties and colours - the easiest to grow are the white and grey forms. Sprinkle the spores at roughly 50 page intervals into a water-soaked telephone book, then place into a plastic bag and leave in a dark place. Once covered in white mould, make some holes through the book and place in a brighter location. The fruiting bodies, the mushrooms, will grow through the holes.

Q. In 2006 we planted 1500 deciduous trees on a two-acre plot. We have done very little weeding or maintenance on the grass beneath - are we doing the right thing?

A. In the first four years after planting, keep a one-meter diameter circle around the base of each tree free from grass and weeds. The trees will do much better in these conditions, without the competition from the weeds and grass. Either a residual herbicide or a mulch mat can be used to achieve this.

Foxgloves, ferns and other shady-type plants can be added at a later stage (nine-10 years), after the number of planted trees has been thinned out.

Q. Can my Heleniums and Marguerites be split soon, as they have gone mad this year?

A. This autumn should be good for planting as there will be residual heat from the late, hot summer. Wait until the ground has moistened slightly before moving the plants and then lift, split and move the plants as soon as possible. Basal cutting can also be taken in the spring.

Q. My 'Bird of Paradise' plant has never flowered, despite producing leaves each year. The plant is about 3ft (1m) tall, in a 14in (35cm) pot, and is moved inside in winter.

A. These plants are hungry feeders, so the compost should be changed regularly and the plant watered very regularly. In spring, repot into a slightly larger pot with fresh compost. Once the plant has settled, after about a month, water with a general purpose liquid feed about once a week.

Q. When should topiary Yews be pruned and how vicious can the pruning be?

A. Yews can be pruned at any time of year - whenever there is time in one's gardening year - and can be taken back quite hard, until it is completely bare if necessary.

SUN 14:45 Witness (b03bg7gs)

Duke Ellington Plays Kabul

In September 1963 the jazz legend gave a concert in the Afghan capital. In those days the city was open to all sorts of cultural experiments. Hear from Faiz Khairzada, the man who organised Duke Ellington's appearance.

SUN 15:00 Classic Serial (b03bg7gv)

Jerome K Jerome - Three Men in a Boat

Episode 2

The Now Show's Hugh Dennis and Steve Punt with Julian Rhind-Tutt from Green Wing star in a sparkling new dramatisation of Jerome K. Jerome's comic classic.

In Edwardian London, three carefree young men and their dog, Montmorency, plan a rowing holiday down the Thames to Oxford. But nothing goes smoothly.

Episode 2:

Harris, unable to recollect words or tune, attempts a comic song - to the dismay of J. George and other revellers. J buys a round for the whole pub to compensate. After a meal of cold beef but no mustard, they cheer up at the prospect of pineapple - but they've forgotten the tin opener. And nothing - not the penknife, the scissors, the hitcher, a sharp stone or the mast - can break into that tin. Their last night on the river involves another sing-song at another pub of course, but not before Harris and Montmorency survive a serious encounter with swans.

Three Men In A Boat has never been out of print since its first publication in 1889. In stark contrast to the adventure writers of the time - Kipling, Haggard and Stevenson - Jerome K Jerome gave us a story about three ordinary fellows having a jolly time down the river.

Pub singersfrom Rose Bruford College
Music..... provided by Gary Yershon, with Eddie Hession accordion
Dramatised by Chris Harrald
Original and adapted music by Gary Yershon

Sound design: Eloise Whitmore
Producer: Melanie Harris
Executive Producer: Polly Thomas
A Sparklab production for BBC Radio 4.

SUN 16:00 Open Book (b03bg7gx)

The Story, edited by Victoria Hislop; scientist-author collaboration; Man Booker Prize

The novelist Victoria Hislop has edited a new anthology of women's short stories called The Story, Love, Loss and The Lives of Women. From Katharine Mansfield and Angela Carter to Helen Simpson and Ali Smith, she explains how she chose her one hundred favourites.

What happens when an author joins forces with a Quantum physicist?
Sara Maitland has teamed up with a selection of leading scientists to turn their cutting edge research into a collection of short stories. One of her stories The Beautiful Equation is based on the work of Tara Shears, Professor of Physics at the

University of Liverpool and one the quantum physicists carrying out research into antimatter at the Large Hadron Collider at CERN. Tara and Sara discuss how the collaboration worked and how science has become literature.

Since its launch in 1969, The Man Booker Prize has been regarded as one of the most important literary awards in the world. It currently accepts submissions from published authors writing in English from Britain, Ireland, the Commonwealth and Zimbabwe, but following an announcement this week, from next year it is, "abandoning the constraints of geography and national boundaries" and expanding the eligibility for entry to include novels originally written in English and published in the UK, regardless of the nationality of the author. Suzi Feay joins Mariella Frostrup to discuss the implications of this announcement

Producer: Andrea Kidd.

SUN 16:30 Poetry Please (b03bg7gz)

RS Thomas at 100

Roger McGough presents a selection of listeners' requests for the poems of R.S.Thomas who was born 100 years ago. Owen Teale is the reader. Producer: Tim Dee.

SUN 17:00 File on 4 (b03b0yf8)

What Price Cheap Clothes?

Will the Rana Plaza factory tragedy mean Bangladeshi garment workers no longer have to work in death traps? It's five months on from the collapse of the 8 storey building in Dhaka, in which more than a thousand workers died, and several thousand lost arms or legs or were paralysed. Jane Deith reports from Dhaka on what's happened since. Just how much medical and financial help have survivors and families of the dead received?

Campaigners said the disaster should be a "game changer" in forcing international brands who source cheap clothes in Bangladesh to take more responsibility for conditions within the factories they use. Safety inspections of hundreds of premises are due to begin in earnest. But the Western manufacturers are split on who should pay for expensive improvements - the clothing brands or the factory owners? It's estimated that it could cost \$3bn to bring all the factories up to scratch.

But there are those who argue that Western shoppers who buy the cheap clothes, and the brands that sell them, don't deserve all the blame. The Bangladeshi government continues to limit the power of trade unions and is accused of failing to act against powerful manufacturing bosses when people die in their factories.

The safety campaigners agree that Western brands pulling out of Bangladesh would be the worst result for the country's four million garment workers and the families who rely on their earnings.

So is it possible to keep them in work and keep them safe?

Producer: Sally Chesworth.

SUN 17:40 Profile (b03bd24j)

[Repeat of broadcast at 19:00 on Saturday]

SUN 17:54 Shipping Forecast (b03bd7rs)

The latest shipping forecast.

SUN 17:57 Weather (b03bd7s3)

The latest weather forecast.

SUN 18:00 Six O'Clock News (b03bd7sg)

The latest national and international news from BBC Radio 4.

SUN 18:15 Pick of the Week (b03bg9h2)

To be or not to be - the thoughts of the Gravedigger of the Year this week. Plus fifty memorable meals to help you get over someone's death. Why the people of the Bronze Age would have loved the X-factor, and why sleeping on a floor in Moss side leads to a love of Chariots of Fire. All that, and as the Sound of Cinema season continues, the most famous bit of movie music in all film history. To find out what - join me, John Waite, for Pick of the Week.

Programmes chosen this week:

The Rivals - Radio 4
Book of the Week - The Inheritor's Powder - Radio 4
Afternoon Drama - Drone Pilots - Radio 4
In Tune - Julian Bream interview - Radio 3
Private Passions - Mike Leigh - Radio 3
Newsjack - Radio 4extra

The Ideas that Made Us - Fame - Radio 4
Costing the NHS - Radio 4
Gravedigger of the Year interview - BBC Radio Lincolnshire
15 minute drama - Life in the Freezer - Radio 4
Ramblings - Radio 4
The Jeremy Vine Show - My Country, My Music - Sylvia - Tuesday - Radio 2
File on 4 - Radio 4
Composer of the Week - Friday - Radio 3

If there's something you'd like to suggest for next week's programme, please e-mail potw@bbc.co.uk.

SUN 19:00 The Archers (b03bddct)

Lynda feels guilty about the situation with Ray. It's the last thing she wanted Caroline to come back to. Caroline assures her the problem at Grey Gables is not her fault. But Caroline remains frosty with Oliver, who's beside himself with guilt and regret. Lynda tries her best to sympathise.

Caroline visits a rather wan Joe. Her heartfelt apology doesn't impress Eddie. He insists Joe's accident was the hotel's fault. They were negligent and Caroline can't wriggle out of it. Caroline assures him no-one wants to do that. The important thing is that Joe gets well.

After she leaves, Eddie gets Joe comfortable for a nap. He and Clarrie observe with consternation that Joe is very wobbly and has lost all his confidence. Eddie is unimpressed with Caroline's perfunctory visit. Clarrie thinks he's being a bit unfair. But Eddie insists Caroline's not going to get away with it.

Caroline feels her visit to Joe was inadequate. Oliver kicks himself again for not following up Ray's references. Caroline observes crisply that what's done is done. The important thing is that Joe gets back on his feet.

Eddie looks for his camera. They're entitled to proper compensation, and photos of Joe will help them to get it.

SUN 19:15 Paul Sinha's Citizenship Test (b038zf13)

Episode 4

Paul Sinha is proudly British. He also loves a quiz. So you would have thought that the UK Citizenship Test, which newcomers to this country must pass to become citizens, would have been right up his street. But the questions in the 2012 and 2013 Home Office guides seem either bizarrely easy - "Where is Welsh most widely spoken?" - or infuriatingly vague - "What happened in the First World War?".

So Paul has created his own test, to better reflect the things that aspiring migrants should understand before they can call themselves British. In this final episode of the four-part series, he looks who and what Britons consider to be "great", and social cohesion - from what you need to know about weddings and marriage to the 2011 summer riots.

The series intertwines the sort of comedy Paul has become known for on The Now Show, The News Quiz, and Fighting Talk, as well as his own Radio 4 shows The Sinha Test and The Sinha Games, and the command of facts and figures he demonstrates on the ITV quiz show The Chase, with a dash of the patriotism that has seen him banned from the bar at the United Nations.

Written and performed by Paul Sinha.

Producer: Ed Morrish.

SUN 19:45 Bloody Scotland (b03bg9h8)

Secrets of Soil

The first of three specially commissioned stories from leading crime writers, recorded in front of an audience at the Bloody Scotland festival in Stirling.

In this brand new short story for Radio 4, Ann Cleeves reveals a glimpse into the childhood of Willow Reeves, the detective at the centre of her Shetland television series. Willow returns to her childhood home on the Scottish island of North Uist, where she must face up to a tragic and deeply buried secret from her own past. The story is read by Lesley Hart

Award-winning crime writer Ann Cleeves is the author of the 'Vera Stanhope' novels, now a television series starring Brenda Blethyn. Her 'Shetland' novels inspired the major BBC TV series of the same name.

Our Bloody Scotland series continues with stories from two Scottish crime writers: Malcolm Mackay, who has lived all his life on the island of Lewis in the Outer Hebrides but writes noirish tales of the urban underworld in Glasgow, and Stuart MacBride, most famous for his detective novels set in the 'Granite City', Aberdeen.

Read by Lesley Hart

Produced by Allegra McLroy.

SUN 20:00 More or Less (b03b2zbk)

Do free school meals work?

All pupils at infant schools in England are to get free school lunches from next September, the Deputy Prime Minister Nick Clegg has announced. It follows a pilot study, which seemed to show that giving free food to primary school children was good for their academic performance. But Tim Harford discovers that a closer look at the evidence reveals the results were not that clear-cut.

'I accept every time I get in my car, there's a 20% chance I could die'. It's a line from the Formula 1 hit film, Rush. Spoken by the racing driver Niki Lauda's character. Formula 1 was certainly a dangerous sport during the 1970s, but was it really that dangerous? More or Less looks at the data.

Is it true that it takes 1,000 years for a plastic bag to degrade? It's a popular claim, but More or Less finds the environmental facts about plastic bags are much less certain than that statistic suggests.

Do the health benefits of cycling outweigh the risk of injury? The Winton Professor of the Public Understanding of Risk at Cambridge University, David Spiegelhalter, goes through the numbers.

Presenter: Tim Harford

Producer: Ruth Alexander.

SUN 20:30 Last Word (b03b2zbb)

An RAF air marshal, a cancer care centre founder, a chocolate maker, a singer and a broadcaster

Matthew Bannister on

Air Marshal Sir John Curtiss who led the challenging RAF operation to re-take the Falkland Islands.

Pat Pilkington, co-founder of the Bristol Cancer Care Centre which offers complementary and holistic treatments

Brian Sollitt - the master chocolate maker who invented the After Eight Mint

Joan Regan - the Fifties singer who performed alongside Russ Conway, Max Bygraves and Cliff Richard - he pays tribute.

And the broadcaster Tom Vernon, best known for his programmes: "Fat Man On A Bicycle".

SUN 21:00 Money Box (b03bd244)

[Repeat of broadcast at 12:00 on Saturday]

SUN 21:26 Radio 4 Appeal (b03bd91p)

[Repeat of broadcast at 07:55 today]

SUN 21:30 In Business (b03b2vyq)

Survivors' Stories

In Peter Day's 25 years of presenting this programme, he has seen a succession of booms and busts, and heard from people who seem to know how to survive in business. He's been back to revisit a few of them, to find out what lessons they have learnt.

Producer: Caroline Bayley.

SUN 22:00 Westminster Hour (b03bg9hg)

Preview of the week's political agenda at Westminster with MPs, experts and commentators. Discussion of the issues politicians are grappling with in the corridors of power.

SUN 22:45 What the Papers Say (b03bg9hj)

Andrew Gimson of ConservativeHome analyses how the newspapers are covering the biggest stories.

SUN 23:00 The Film Programme (b03b2v77)

Diana; Tony Gilroy and Hossein Amini; Metro Manila; Trevor Howard

Francine Stock talks to Downfall director Oliver Birschiegel about his controversial new film Diana, which dramatises the last two years of Princess Diana's life including her relationship with a heart surgeon. Naomi Watts takes the title role.

Tony Gilroy who penned the Bourne films and Hossein Amini, whose credits include The Wings of the Dove and Jude, discuss the art of screenwriting and adaptations, as BAFTA and the BFI open their Screenwriters lecture series.

The director Sean Ellis discusses his new thriller *Metro Manila*, set in the Philippines, which follows a rural family on their increasingly fraught journey to survive in the city. His film, inspired by a holiday in Manila where he witnessed an argument between two armed guards, has now been picked up to be remade around the world.

And film historian Melanie Williams marks the centenary of Trevor Howard's birth with a look back at his career including lesser known works like *Outcast of the Islands* from 1953 as well as classics such as *Brief Encounter*.

Producer: Elaine Lester.

SUN 23:30 Something Understood (b03bd91h)
[Repeat of broadcast at 06:05 today]

MONDAY 23 SEPTEMBER 2013

MON 00:00 Midnight News (b03bd82t)

The latest national and international news from BBC Radio 4. Followed by Weather.

MON 00:15 Thinking Allowed (b03b2j75)

Holiday hedonism in Ibiza; White working class voters

Holiday hedonism - Laurie Taylor talks to the criminologist, Daniel Briggs, about his study into young British tourists' risk taking behaviour in Ibiza. From drug taking to prostitution, violence and injury. What leads these holidaymakers to engage in deviant, even dangerous behaviour when abroad?

Also, Nathan Manning discusses his research into the meaning and causes of white, working class political disaffection. He interviewed low wage workers in Yorkshire and the NorthWest, areas where support for the far right British National Party and low voter turnout indicate alienation from mainstream politics. He's joined by Professor of Politics, Michael Kenny.

Producer: Jayne Egerton.

MON 00:45 Bells on Sunday (b03bd91f)

[Repeat of broadcast at 05:43 on Sunday]

MON 00:48 Shipping Forecast (b03bd82w)

The latest shipping forecast.

MON 01:00 Selection of BBC World Service Programmes (b03bd82y)

BBC Radio 4 joins the BBC World Service.

MON 05:20 Shipping Forecast (b03bd830)

The latest shipping forecast.

MON 05:30 News Briefing (b03bd834)

The latest news from BBC Radio 4.

MON 05:43 Prayer for the Day (b03bmex9)

A spiritual comment and prayer to begin the day with Sister Jane Livesey CJ.

MON 05:45 Farming Today (b03bd8pp)

Latest figures from the British Wool Marketing Board show the price of wool is up by 34% in comparison with last year. Charlotte Smith takes a look at the reasons behind the rise, and what it means for producers.

A major agri-chemical company is advocating the use of less fertilizer and pesticide - not what you'd normally expect. Farming Today hears from Syngenta about its latest plan to address food security and environmental concerns, and asks whether the proposals are anything more than "greenwash".

And the rising demand for English and Welsh wine. We start a week-long look at the production of British beverages - from wine and cider, to vodka and fruit juice - and ask how the liquid harvest is looking this year.

Presented by Charlotte Smith. Produced by Emma Campbell.

MON 05:56 Weather (b03bd831)

The latest weather forecast for farmers.

MON 05:58 Tweet of the Day (b038qk9b)

Bluthroat

Tweet of the Day is a series of fascinating stories about our

British birds inspired by their calls and songs.

Brett Westwood presents the bluthroat. This is a fine songbird and a sprightly robin-sized bird with a dazzling sapphire bib. Your best chance of seeing one is in autumn when they pass through the north or east coast on migration.

MON 06:00 Today (b03bd8br)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

MON 09:00 Start the Week (b03bd8pt)

Jamal Edwards on 'digital natives'

On Start the Week Stephanie Flanders considers the impact of new technology on 'digital natives', a generation who have never known life without facebook and smartphones. Beeban Kidron's new film explores the lives of teenagers and the corporations that influence and manipulate their online lives for profit. The entrepreneur Jamal Edwards started filming his friends rapping when he was just 15, he's used the web to become a multi-million pound CEO. The academic Farida Vis researches the invisible algorithms that pervade the internet. And Adrian Hon attempts to predict the future - both human and technological - using the objects around us.

Producer: Katy Hickman.

MON 09:45 Book of the Week (b03bd8pw)

Empress Dowager Cixi: The Concubine Who Launched Modern China

Episode 1

Jung-Chang's ground-breaking biography reassesses the reputation of this formidable 19th century stateswoman who single-handedly dragged China into modernity. Based on newly available documents, this biography comprehensively overturns the conventional view of the Dowager Empress as a deeply conservative and cruel despot.

Jung Chang vividly describes how Cixi fought against monumental obstacles to change China. Under her the ancient country attained virtually all the attributes of a modern state: industries, railways, electricity, telegraph, and an army and navy with up-to-date weaponry. It was she who abolished gruesome punishments like 'death by a thousand cuts' and put an end to foot-binding. She inaugurated women's liberation, and embarked on the path to introduce parliamentary elections to China.

A fast-paced and gripping story which takes us inside the mind of a brilliant political strategist.

Read by Pik-Sen Lim

Abridged by Sara Davies

Produced by Gemma Jenkins.

MON 10:00 Woman's Hour (b03bd8py)

Harriet Harman; Prioritising partners over children; Male genitalia on TV

Labour Deputy Leader and Power Lister Harriet Harman MP on her life in politics, live from the party's annual conference in Brighton. Writer Andrew G Marshall argues why we should prioritise relationships with partners before those with our children. TV dramas regularly show naked breasts whereas male genitalia are rarely visible - does it matter? We discuss whether this signifies a double standard with journalist Bim Adewunmi and Gub Neal, former head of drama at Channel 4. The problems that can be experienced by parents at border control when children have different surnames.

MON 10:45 15 Minute Drama (b03bd8q0)

Writing the Century: Takes Two to Tandem

Episode 1

Writing the Century
Takes Two to Tandem
by Lavinia Murray

The series which explores the 20th century through the diaries and correspondence of real people, returns with Takes Two to Tandem by Lavinia Murray. A touching, lively, humorous drama inspired by the 1930s diaries of Frank Ayliffe.

Frank is a doer and a trier, a wonderfully complex, gregarious, self-confounding, honest and loving man, always aware of his shortcomings and keen to better himself intellectually and materially. Takes Two to Tandem is a rich glimpse into how aspirational, impoverished and socially mobile the interwar years were.

Frank: 'It seems to me that the best thing to do is to be aware of

the angle that the world is, for each one of us, a personal world. We can create our own ideas of freedom and set standards of behaviour which will enable us to maintain an attitude of being unattached to the petty things that are the beginning of bondage in bigger things.'

Summer 1934. Frank's carefree life as a confirmed bachelor is disrupted by Doris' decision to leave the cycling club.

Produced and Directed by Sharon Sephton.

MON 11:00 Tibet Remembered (b03bd8q2)

BBC Radio producer Tom Alban's godfather Charles Searle spent three months as a medical officer in the Tibetan hill fort town of Gyantse in 1940. His memories of marching across the high mountain passes into this extraordinary country were familiar to close family but it was only when the Dalai Lama spoke of the importance of what appeared to be 'colonial' memories that they took on a new life.

In this programme Tom gathers the memories of the few remaining British people who visited Tibet before the arrival of the Chinese in 1950, including Dick Gould, son of Sir Basil Gould who served in Tibet and Col Alan Jenkins who travelled there in 1947.

While the recollections of the Himalayan vistas and rugged high-altitude plains of the so-called 'roof of the world' are dramatic, it's the details about the food, the basic transport systems, the juxtaposition of poverty and ceremony and the friendships made with Tibetans themselves which makes this so much more than the Hollywood version of the mystic land featured in films like 'Seven years in Tibet'.

Producer: Tom Alban

MON 11:30 Reception (b03bddck)

Nature's Way

A sitcom about two men sitting behind a desk, starring Adrian Scarborough, Morwenna Banks and Amit Shah. Written by Paul Basset Davies.

After a weekend in the sticks with his historical re-enactment society, Brian waxes lyrical about the idea of retiring to the country. Danny is scornful - he's barely on speaking terms with Mother Nature. But then Clarissa introduces a trainee to work with them, and possibly replace one of them. Danny is smitten with the young woman but Brian wonders why a spoiled little rich girl is working with them on the reception desk. When he discovers the answer he and Danny desperately need to find a way to get rid of her.

Can Danny resolve his conflict between love and loyalty, or will Brian have to retire sooner than he expected - and break up the old team?

Producer: Anna Madley

An Avalon Television production for BBC Radio 4.

MON 12:00 You and Yours (b03bddcm)

Renewing a UK passport abroad

Why does it cost twice as much to renew your passport if you're a UK citizen living overseas? We hear from a listener living in France who wants to find out the answer. We also look at Peer-2-Peer lending, and ask why it's necessary to regulate this new way of investing. And we visit the nation's newest shopping mall, and find out whether or not we're still in love with doing all our shopping under the one roof.

MON 12:57 Weather (b03bd84k)

The latest weather forecast.

MON 13:00 World at One (b03bddcp)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

MON 13:45 Our Dreams: Our Selves (b03bddcr)

Morpheus Descending: Gods and Ghosts in the Ancient World

Puzzling over the nightly drama of our dreams is one of the most enduring of all human endeavours. We suspect that our dreams are meaningless, and yet we can't resist the urge to interpret the most vivid, transporting or troubling of them. The way dreams have been understood tells us a great deal, both about long dead dreamers, and the worlds in which they lived.

Over the course of this week, Lucy Powell explores the history of dreams and what we think they mean, a hundred years after Sigmund Freud's great work 'The Interpretation of Dreams' appeared in English.

She'll be exploring medieval mystics, renaissance dreamers, Romantic nightmares and the latest findings in neuroscience, but today she returns to the gods and ghosts of the ancient Greeks.

Freud described psychoanalysis as a kind of archaeology of the mind, a search for buried pieces of the past that the analyst must carefully retrieve, pull up to the light, and unlock to reveal their hidden meanings. And on Freud's desk, in his north London study, are real archaeological treasures: figures from ancient Greece, Rome, and Mesopotamia, part of the collection of over 2000 antiquities he collected during his lifetime - statues and frescos and strange, goggle-eyed gargoyles. He called them his 'old and grubby gods' who aided him in his work. They make of Freud's study a strange kind of dream-escape, filled with fragments of the past. Because in seeking to forge a new theory of dreams, Freud reached right back to the earliest dreams in Western history.

Producer: Jane Greenwood.
A Loftus production for BBC Radio 4.

MON 14:00 The Archers (b03bddct)
[Repeat of broadcast at 19:00 on Sunday]

MON 14:15 Tinsel Girl (b03bddew)
Tinsel Girl

Maz has just turned thirty only to become all too aware that not only is she single, but also disabled. Her degenerative disease means she now has to use a motorised wheelchair, which isn't exactly the sexiest accessory a girl can have! Maz had been cool about the wheelchair, but the prospect of finding a date through the modern minefield of online dating makes her reassess her situation and other people's perceptions of her - can a man really find a woman in a wheelchair attractive? Is she even a pullable commodity?

Cherylee Houston stars in this comic take on online dating, which has been adapted from her diaries by Lou Ramsden.

With the BBC North Staff Choir

Directed by Charlotte Riches.

MON 15:00 Round Britain Quiz (b03bddcy)
(2/12)

Tom Sutcliffe is in the chair for the cryptic quiz between teams from six UK regions. This week the defending champions, Wales, represented by Myfanwy Alexander and David Edwards, take on the challenge from the North of England (Adele Geras and Jim Coulson).

As always, there are plenty of question ideas provided by listeners, and Tom will have full details of how you can suggest your own puzzles with which to stump the regulars.

Producer: Paul Bajoria.

MON 15:30 BBC National Short Story Award (b03bddd0)
BBC National Short Story Award 2013

Mrs Fox

Andrea Riseborough reads this earthy, sensual fable by Sarah Hall. A husband is shocked out of his complacency when his wife undergoes a remarkable transformation.

Written by Sarah Hall
Abridged by Julian Wilkinson
Produced by Gemma Jenkins

The BBC National Short Story Award is one of the most prestigious and established awards for a single short story. The 2013 shortlist reveals the strength and depth of the current short story scene, with five very different but equally beguiling stories vying for the top position and the £15,000 Award. From the pens of writers both hugely acclaimed and very new, come tales that range from the magical to the all too real. Surprising twists, quiet grief and vivid imagination are hallmarks of this year's bumper crop.

The readers include Hattie Morahan, Andrea Riseborough and Claire Skinner. Running across the week (and with the authors interviewed on Front Row the previous evening) listeners can enjoy a literary treat at 15.30 each afternoon from Monday, 23rd September and maybe choose their own favourites. The winner and the runner-up will be announced live on Front Row on Tuesday, 8th October. The stories will be available as a free download following broadcast, and in an anthology published by Comma Press.

MON 16:00 Give Order Please (b03bddd2)
The traditional Working Men's Club is in a state of decline, as

the heavy industries and sense of collectivism that supported them fade and disappears. Ian McMillan looks at the clubs of Doncaster to learn more about a movement that has provided social interaction, education, recreation and support to working class communities for over a hundred years.

Doncaster is home to around 80 members' clubs, including Armthorpe Social Club and Institute, Rossington Miners' Welfare, Mexborough Concertina Club and The Trades Club. Some are thriving, some just about surviving. Around 60 of the town's former clubs are no longer in business.

Doncaster is also home to brothers Dave and Keith Angel, local musicians who, having been brought up steeped in club culture, started out their own musical careers in these unforgiving yet grounding venues. Their lifelong affection for Working Men's Clubs has resulted in Dave and Keith completing a social history of clubs in the area, which was originally started by their Dad in the 1970s.

With their help, Ian is on a mission to find out more about the origins of these clubs, how they have adapted and changed over the years, the reasons for the decline and what, if anything, is being done to keep the existing clubs alive.

In addition to anecdotes from Keith and Dave Angel, the programme also features contributions from Ruth Cherrington, writer of Not Just Beer and Bingo!: A Social History of Working Men's Clubs, singer Lyn O'Hara, club officials and the working men (and sometimes women) who patronised the tap rooms and concert halls.

Producer: Kellie White

A Smooth Operations production for Radio 4 first broadcast in September 2013.

MON 16:30 Beyond Belief (b03bddd4)
Why Religions Change

What causes religions to change beliefs or traditions which have been in place for hundreds of years? For centuries the Jewish people offered animal sacrifices daily in the Temple in Jerusalem. The Catholic Church condemned Galileo for teaching that the sun, rather than the earth, is the centre of our universe. Soon we may have female Bishops in the Church of England and some churches in the UK may be prepared to marry gay couples. Is it inevitable that religions which emerged two or three millennia ago will adapt and shift with ever increasing social, cultural and scientific change? How do you distinguish between eternal truth and the culturally conditioned?

Joining Ernie Rea to discuss the way in which religions change are Dr Linda Woodhead, Professor in the Sociology of Religion in the Department of Politics, Philosophy and Religion at Lancaster University; Dr Yaakov Wise, Research Fellow in the Centre for Jewish Studies at the University of Manchester; and Dr Gavin Flood, Professor of Hindu Studies and Comparative Religion at the University of Oxford.

MON 17:00 PM (b03bddd6)
Coverage and analysis of the day's news.

MON 18:00 Six O'Clock News (b03bd84r)
The latest national and international news from BBC Radio 4.

MON 18:30 Just a Minute (b03bddd8)
Series 67

Episode 7

In the last of the series Nicholas Parsons challenges Jenny Eclair, Julian Clary, Liza Tarbuck and Paul Merton to talk on a subject he gives them for 60 seconds without hesitation, repetition or deviation.

Producer: Katie Tyrrell.

MON 19:00 The Archers (b03bdgg8)

Tom and Kirsty go to a trade-only food event to eye up the competition and do a bit of networking. Even though Tom found it useful, he is keen when Kirsty suggests visiting the Loxton Pools Bird Reserve.

Tom finds the reserve totally relaxing and he doesn't mention work the whole time they are there.

Back home, Tom tells Pat the food event was worthwhile but he was glad not to have paid for a stand.

Kathy and Martyn are still at loggerheads. Martyn announces he has appointed a new general manager: Nicholas, whom Martyn entertained at the club last week. They disagree about a candidate for the chef position, and Martyn decides to exclude Kathy from the interviews. It's the last straw. Kathy resigns.

Unconcerned Martyn suggests she leave at the end of the day.

Leigh catches Kathy before she goes. He's found out that Martyn has already offered her position to Nicholas's wife, Gemma. Kathy realises she's been stitched up.

Kathy tells Pat of Martyn's deliberate campaign to get her out. Pat thinks she has grounds for constructive dismissal but Kathy is just relieved to be rid of it. The only question is what on earth is she going to do now?

MON 19:15 Front Row (b03bdgqb)
Hugh Jackman; The Wrong Mans; BBC National Short Story Award 2013

With Mark Lawson

Hugh Jackman returns to our cinema screens this week, starring alongside Jake Gyllenhaal in the thriller Prisoners, about a man who takes the law into his own hands when his young daughter goes missing. Jackman discusses his latest role, a far cry from playing Jean Valjean in Les Misérables.

The Wrong Mans is a new TV comedy drama written by and starring James Corden and Horrible Histories' Mathew Baynton, about two office workers who accidentally get entangled in a criminal conspiracy. Rebecca Nicholson reviews.

The next writer in Front Row's series of interviews with the contenders for the BBC National Short Story Award 2013 is Lisa Blower, whose story is about a disastrous family trip to Barmouth. You can hear her story tomorrow afternoon (Tuesday).

Last night the Netflix drama House of Cards became the first internet streamed programme to win an Emmy Award, as its director David Fincher picked up Best Director of a Drama Series. And Breaking Bad, also available on Netflix, won Outstanding Drama Series. Mark talks to Ted Sarandos, head of content for the video on demand service, about the change in how we consume entertainment.

Producer Timothy Prosser.

MON 19:45 15 Minute Drama (b03bdbq0)
[Repeat of broadcast at 10:45 today]

MON 20:00 OBJs Guide to the Middle East (b03br24t)
Can anyone really claim to understand what is going on in the Middle East - who supports who and why? Owen Bennett Jones takes a sideways look at the shifting allegiances, the foreign policy zigzags, the outrageous hypocrisies, and the bizarre contradictions of the Middle East. Assisting him in what promises to be a somewhat anarchic guide are former Middle East ambassador Sir Sherard Cowper-Coles, comedian Dom Joly and Baroness Haleh Afshar. Owen promises that though his listeners may be more confused than enlightened by the end of the half hour, it won't be for lack of trying by him and his guests!

MON 20:30 Crossing Continents (b03b2v6t)
Indonesia's Mercury Menace

Up to 20% of the world's gold is produced by informal mining, with millions of people in the developing world relying on it for a living. The quickest and easiest way for them to extract gold is by mixing finely ground rock with mercury, a highly toxic metal, and burning it off. Linda Pressly visits Indonesia, and finds gold workers and communities who are already showing signs of mercury poisoning. There are paddy fields with the highest concentration of mercury ever tested in rice. Experts tell her this is a slow-burn disaster, which could lead to irreversible harm to the health of people across the globe.
Producers: Emil Petrie, Nina Robinson.

MON 21:00 Shared Planet (b03b0wms)
Wildlife Aliens and Diseases

Does the increase in human population mean more diseases for domestic and wild animals and plants? As trade between different countries and continents increases we move more animals and plants around the world. With them go diseases that can be devastating for local wildlife. Ash die-back and the Varroa mite on bees are two recent examples that are causing real concern. Monty Don explores how our need for worldwide trade is carrying pests and diseases to places where there is no resistance.

The Varroa mite is an Asian species that has lived on the Asian variety of honey bee (*Apis cerana*) without causing too much damage to a colony. Where it has evolved it breeds only on male bees and, as they are not as numerous as females in a colony, it has little effect on the hive. Man moved colonies of the European honey bee (*Apis mellifera*) to Asia, and at some

point in the last century the mite 'jumped species' onto the European honey bee. In European hives the mites can breed in the cells of worker bees. This alters the population dynamics of the mites and they multiply out of control so that - without human intervention - the colony will die. Varroa has now spread across the globe, reaching the UK in 1992. There are now very few wild colonies of honey bees left in the UK - they have been largely wiped out by the introduced Varroa mite and the viruses it transmits.

What can be done? Do we have a plan to stop this happening again and can we foresee what the next crisis will be?

MON 21:30 Start the Week (b03bdbpt)

[Repeat of broadcast at 09:00 today]

MON 21:58 Weather (b03bd851)

The latest weather forecast.

MON 22:00 The World Tonight (b03bdgxw)

In-depth reporting and analysis from a global perspective.

MON 22:45 Book at Bedtime (b03bdgxy)

Lady Susan

Episode 1

A little known, very early Jane Austen work, performed on the radio for the first time.

A beautiful and scheming widow seeks a husband for both herself and her shy and awkward daughter, while engaged in an affair with a married man.

Who will win the heart of the rich and handsome Reginald De Courcy? And will the truth about Lady Susan ever come out? These are the questions a teenage Jane Austen posed in this early epistolary novella, published long after her death - the first of her many wise and witty studies of love and marriage, and the games people play.

Read by Emilia Fox, Lucy Robinson and Theo Fraser Steele

Abridged by Eileen Horne

Producer: Clive Brill

A Pacificus production for BBC Radio 4.

MON 23:00 The Night Singer (b03bdgy1)

For thousands of years the nightingale has been the most celebrated song-bird in the western world. Over the centuries, its remarkable voice has captured the hearts and minds of poets, writers and musicians - and its extraordinary song has symbolised the renewing powers of nature and human love in all its forms.

Yet the real nightingale is a brown little migrant who only stays a few weeks in Britain before heading back to Africa. Despite this, we constantly fall under its spell.

Earlier this year, Director, author, performer and bird enthusiast Neil Bartlett went to the RSPB site at Pulborough Brooks in Sussex, to seek out this tiny bird. We journey with him as he discovers what it is about the nightingale that captures our hearts.

He discovers how the nightingale manipulates his syrinx (like our voicebox) to such an extraordinary degree that every single bird has its own personal repertoire of up to 200 different songs. He learns how, in Roman times, the nightingale song was believed to contain magical properties so its organs were used in love potions and its tiny tongue baked in pies to try and make the human voice sound sweeter, and he hears how musicians have tried to communicate with this little bird incorporating it into their music.

In the 1920s for example, the most distinguished cellist in Britain, Beatrice Harrison played alongside a nightingale in her garden and when this duet was broadcast, millions of people tuned in to hear it. The broadcast became so popular that it became an annual event for years.

Presenter: Neil Bartlett

Producer: Angela Hind

A Pier production for BBC Radio 4.

MON 23:30 Sleepless Night (b01qhgg3)

What keeps you awake at night? Money worries? Your conscience? Traffic? Dogs barking? Or the shrill sound of a stressed robin forced to sing at night to find a mate?

This composed feature by Nina Perry explores the problem of sleeplessness and the crucial relationship between sound and

sleep, all set within a soundscape of noises heard during a sleepless night interwoven with specially composed music.

Tinnitus sufferer Helen takes us on a journey through a sleepless night of thought and sounds of ticking clocks, snoring, a restless child, mysterious footsteps and a neighbour's late night party. How are these sounds perceived in a state of sleeplessness? How do we respond to sound emotionally, physiologically and hormonally. Are the sounds of the night changing? Are silent nights a thing of the past?

Answering these questions and elucidating the relationship between sound and sleep are: Professor of Acoustics and Dynamics Andy Moorhouse and Senior Lecturer in Acoustics Bill Davies, from Salford University; David Baguley, Head of Audiology at Cambridge University Hospitals, who discusses sound perception, the meaning of sound and the reaction to sound as elements within Tinnitus treatment; Dr Ken Hume, a sleep researcher specializing in sound and sleep, discussing the physiology and psychology of sleep and sound disturbance; and Rupert Marshall, Lecturer in Animal Behaviour at Aberystwyth University, describing how urban wildlife is changing its behaviour to cope with modern life (for example, robins nesting in urban areas who struggle to be heard during the day are more likely to sing at night than their country cousins).

Producer: Nina Perry

A White Pebble Media production for BBC Radio 4.

TUESDAY 24 SEPTEMBER 2013

TUE 00:00 Midnight News (b03bd87c)

The latest national and international news from BBC Radio 4. Followed by Weather.

TUE 00:30 Book of the Week (b03bdbpw)

[Repeat of broadcast at 09:45 on Monday]

TUE 00:48 Shipping Forecast (b03bd87f)

The latest shipping forecast.

TUE 01:00 Selection of BBC World Service Programmes (b03bd87h)

BBC Radio 4 joins the BBC World Service.

TUE 05:20 Shipping Forecast (b03bd87k)

The latest shipping forecast.

TUE 05:30 News Briefing (b03bd87m)

The latest news from BBC Radio 4.

TUE 05:43 Prayer for the Day (b03bmffr)

A spiritual comment and prayer to begin the day with Sister Jane Livesey CJ.

TUE 05:45 Farming Today (b03bdpl1)

The Police and Crime Commissioner for Gloucestershire is calling for both the badger cull company and anti-cull protestors to remain calm. It follows allegations that bird-scarers were set off to confuse or frighten anti-cull campaigners. We talk to the Commissioner about his reaction and next steps.

Farming Today goes behind the doors of one of the meat processing companies involved in last week's dispute over pork which was labelled British, but almost certainly wasn't. If it wasn't their mistake, whose was it?

And the hop harvest is on. We visit a farm in Worcestershire where they're busy gathering in the ingredients to make one of the nation's favourite tipples.

Presented by Anna Hill. Produced by Emma Campbell.

TUE 05:58 Tweet of the Day (b038qkb3)

Aquatic Warbler

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs.

Brett Westwood presents the aquatic warbler. The stripy aquatic warbler is streaked like the sedges it lives in and is the only globally threatened European perching bird. They sing in the marshes of central and eastern Europe where the small European population has its stronghold. Unfortunately, this specialized habitat is disappearing because of drainage, disturbance and peat extraction. They are migrants so it's vital to protect their wintering areas as well as their breeding sites. It's known that up to 10,000 birds winter in the swamps of North-west Senegal.

TUE 06:00 Today (b03bdpl3)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

TUE 09:00 The Life Scientific (b03bdpl5)

Sophie Scott

Jim Al-Khalili talks to neuroscientist and occasional stand up comedian, Professor Sophie Scott about how she is using brain imaging techniques to reveal secrets of the complexity of brain activity when we speak and when we hear others speak. And Sophie Scott explains why laughter is such an important human social tool. But why is it that if we're laughing hard it can completely override our ability to speak? Also why it's not just humans who have a funny bone: even rats laugh.

TUE 09:30 One to One (b03bdpl7)

Carolyn Quinn speaks to Claire Derry

As a Radio 4 presenter, covering a range of stories everyday, Carolyn Quinn interviews people while the story is live but rarely gets the chance to find out what happened next.

For these editions of One to One, Carolyn wanted to find out what happens to individuals who've found themselves in the media spotlight and have had to live with intense, unsolicited scrutiny. How do they cope once the media caravan has moved on and they have to try to get on with their lives

This week, Carolyn speaks to Claire Derry, the mother of Samuel Woodhead, the British teenager who went missing in the Australian outback in February 2013.

Samuel Woodhead was working on a cattle station in rural Queensland - just a few days into his gap year in Australia - when he decided to go for a run. He failed to return and was reported missing. A land and air search eventually found him three days later: three stone lighter, severely dehydrated and apparently 'hours from death'.

In this interview Claire Derry describes what it was like to cope with what had happened to her son, at the same time as dealing with intense media interest which - at one stage - turned against her son, accusing him of deliberately getting lost. And has she been able to return to "life as normal" after the experience?

Producer: Karen Gregor.

TUE 09:45 Book of the Week (b03bdpl9)

Empress Dowager Cixi: The Concubine Who Launched Modern China

Episode 2

Jung Chang's biography of one woman's remarkable rise to power in 19th century China continues. Cixi forms an important political alliance and launches a palace coup.

Read by Pik-Sen Lim

Abridged by Sara Davies

Produced by Gemma Jenkins.

TUE 10:00 Woman's Hour (b03bds3m)

Beverley Knight; Deb Perelman; Melissa Benn; Women astronauts

Beverley Knight on her starring role in The Bodyguard. Female astronauts, 50 years on from the first woman in space. Cook the Perfect Apple Cake with New York food writer Deb Perelman. Melissa Benn on what we should be telling our daughters. Presented by Jane Garvey.

TUE 10:45 15 Minute Drama (b03bds3p)

Writing the Century: Takes Two to Tandem

Episode 2

Writing the Century
Takes Two to Tandem
by Lavinia Murray

The series which explores the 20th century through the diaries and correspondence of real people, returns with Takes Two to Tandem by Lavinia Murray. A touching, lively, humorous drama inspired by the 1930s diaries of Frank Ayliffe.

Frank is a doer and a trier, a wonderfully complex, gregarious, self-confounding, honest and loving man, always aware of his shortcomings and keen to better himself intellectually and materially. Takes Two to Tandem is a rich glimpse into how aspirational, impoverished and socially mobile the interwar years were.

Frank: ' It seems to me that the best thing to do is to be aware of

the angle that the world is, for each one of us, a personal world. We can create our own ideas of freedom and set standards of behaviour which will enable us to maintain an attitude of being unattached to the petty things that are the beginning of bondage in bigger things.'

It's Winter 1934 and consistent with the country's economic depression, business in the millinery trade continues to be slow. Lilly guides Frank in the art of romance.

Produced and Directed by Sharon Sephton.

TUE 11:00 Shared Planet (b03bds3r)
Elephant Poaching in Africa

Monty Don presents Shared Planet, the series that looks at the crunch point between human population and the natural world. In this programme a field report from Saba Douglas-Hamilton of Save the Elephants from the Samburu National Park in Kenya. Saba sees first-hand the sight of an elephant shot for its ivory. From Kenya, Monty Don explores some of the wider issues in Africa with David Western, Chairman of the Africa Conservation Centre in Kenya, ex Director of the Kenyan Wildlife Service and Adjunct Professor at University of California, San Diego. With many commentators and scientists saying the end markets for ivory are too large to supply from legally traded ivory, what argument will save elephants from the huge market incentive to kill elephants for their ivory?

TUE 11:30 The Secret Life of JS Bach (b03bds3t)

Long before the world of pop beckoned, and when the priesthood was an unimagined future calling, Rev Richard Coles had an unusual teenage passion. By his bed stood the bust of the greatest composer the world has ever known, with an inescapable marmoreal gaze that only the most self-assured genius could produce. This was a man with a gigantic musical brain, an untouchable god, a super-human with a daily life and preoccupations we can't begin to imagine. Bach that is, for avoidance of any doubt.

Or was he? For Radio 4, Coles sets out to meet another Bach, the hot young talent whose daily life as a church organist was punctuated as much by petty quarrels and hard graft as it was the call of the Romantic muse. He clammers inside the technological marvel which is an 18th-century German organ and discovers that the principles of physics, architecture, metallurgy and acoustics were every bit as prominent in Bach's armoury as his musicianship. And he hunts for clues as to why the young Bach might have been the prickly hot-head he appears to have been, including the intriguing theory that a disrupted childhood and chaotic education may have left him with a personality we might now consider to be characterised by clinical paranoia.

But what if we were to meet Bach in the flesh? Now Richard gets the chance to do exactly that. Well almost, thanks to the pioneering work of scientists in Dundee who have recreated the composer's image in 3D using the very latest forensic techniques. Is this meeting a realisation of lifelong fantasies, or is the Bach we uncover the very last person Richard would like to appoint as parish organist?

With contributions from organists John Butt, Jon Cullen and Tim Rishton, psychologist Tamar Pincus, musicologist Ruth Tatlow, and forensic scientist Caroline Wilkinson. More information on the Barony Organ at the University of Strathclyde can be found here:
<http://www.strath.ac.uk/music/thebaronyorgan/>.

TUE 12:00 You and Yours (b03bds3w)

Call You and Yours: Is Britain an ageist society?

Consumer phone-in with Julian Worricker. Is Britain an ageist society?

TUE 12:57 Weather (b03bd87p)

The latest weather forecast.

TUE 13:00 World at One (b03bds3y)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

TUE 13:45 Our Dreams: Our Selves (b03bds40)

Mystics and Melancholia: Radical Dreamers in the Middle Ages

Over the course of this week, Lucy Powell explores the history of dreams and what we think they mean, a hundred years after Sigmund Freud's great work 'The Interpretation of Dreams' appeared in English.

As well as investigating the impact of that book, she'll be exploring renaissance dreamers, Romantic nightmares, and the latest findings in neuroscience, but today she returns to the great

mystical dreamers of the Middle Ages.

At no time in Western history have dreams been so divinely inspired, or as highly revered as in the Middle Ages. Our earliest literature is studded with transcendent, celestial dreams. They had the power to precipitate wars and reroute the fate of nations. They could confer extraordinary freedoms on ordinary medieval people. But they could also precipitate what seem to us intolerable physical restrictions.

Lucy visits the cell of Julian of Norwich, who chose to spend her life bound by four walls, contemplating the meaning of her divinely-inspired dreams. But while Julian's visions drove her to the complete seclusion of a contemplative, her Norfolk contemporary Margery Kempe, was propelled across the globe by her visions of Christ.

Producer: Jane Greenwood.
A Loftus production for BBC Radio 4.

TUE 14:00 The Archers (b03bdgg8)

[Repeat of broadcast at 19:00 on Monday]

TUE 14:15 Drama (b03bds42)

Out of the Blue

Episode 1

A cabal inside the UK's police force conspires to undermine the government. Starring Anthony Howell, Philip Jackson and Lesley Manville.

When East Midlands police superintendent Laurie Creed (Anthony Howell) is approached by a right wing MP and a couple of police chiefs he wonders about their agenda. Talk turns to politics and anger at the current government's cuts. It's time for action, they say.

Set in contemporary Britain, Michael Eaton's fictional drama imagines that a rogue element in the Association of Chief Police Officers is meddling in politics. Producer David Morley says the Andrew Mitchell "Plebgate" affair was the inspiration for the drama. "When a Cabinet Minister was forced to resign, despite denying any wrongdoing, on allegations backed up only by the verbal evidence of a few policemen, it made me wonder what the UK's police could do if they really were politically motivated."

Writer: Michael Eaton
Producer: David Morley
Director: Dirk Maggs

A Perfectly Normal production for BBC Radio 4.

TUE 15:00 Short Cuts (b03bds44)

Series 4

Fictions

Josie Long presents a sequence of unbelievable mini documentaries looking at bending the truth, fantasists and outright liars.

Josie hears how the writer Ross Sutherland invented a mysterious secret society by accident and looks for secrets scratched into the sidewalks of San Francisco by an enigmatic writer known only as 'Nikko'.

The items featured in the programme are:

Hearts and Crafts
Featuring the voices of Harriet Craft

Fictions
Featuring Raji James

Wash Club
Featuring Ross Sutherland

Nikko
Originally broadcast in the episode 'Standouts' on Snap Judgement

Producer: Eleanor McDowall
A Falling Tree Production for BBC Radio 4.

TUE 15:30 BBC National Short Story Award (b03bds46)
BBC National Short Story Award 2013

Barmouth

The annual family holiday to the Welsh coast conjures childhood memories of a car packed full of children, parents, grandparents, picnics and arguments. In trips taken years later tensions old and new remain ever present.

Written by Lisa Blower
Read by Rebekah Staton
Abridged by Julian Wilkinson
Produced by Elizabeth Allard.

TUE 16:00 Document (b03bds48)

The Hyderabad Massacre

Using recently discovered documents, Mike Thomson investigates a largely forgotten massacre in independent India. It happened a year after the Partition violence and took place right in the heart of India, in the large state of Hyderabad. 30,000 people were killed. This was a time when the Muslim prince of Hyderabad was resisting integration with India and the Indian Army was sent in to overthrow his forces. When, a few months later, Prime Minister Nehru heard reports of massacres of thousands of Muslims by Hindus he commissioned a report to find out what had happened. That report was called The Sunderlal Report and it has been rarely seen by scholars since 1948. 'Document' has obtained a copy. Thomson shows it to historians of the period and hears from first hand witnesses as he pieces together the real story of the 'Hyderabad Massacre'.

Producer Neil McCarthy.

TUE 16:30 Great Lives (b03bdsnt)

Series 31

Sir Brendan Barber on John Steinbeck

Matthew Parris is joined by trade unionist Sir Brendan Barber who nominates American author John Steinbeck as his Great Life. The author of *The Grapes of Wrath* aimed to fight the cause of the common man, was derided by the right as a Communist and by the left as a sell-out for supporting the Vietnam war. Brendan Barber picks through the politics and explains how Steinbeck influenced him as a teenager to look towards joining the trade union movement.

After early success, describing the catastrophic effects of the Great Depression and the Dustbowl in *Of Mice and Men* and *The Grapes of Wrath*, Steinbeck became war correspondent, nobel laureate, presidential speechwriter, Hollywood scriptwriter, and environmentalist. Professor Christopher Bigsby from the University of East Anglia helps guide us through the life of a man described as 'America's Charles Dickens'.

Producer: Melvin Rickarby

First broadcast on BBC Radio 4 in September 2013.

TUE 17:00 PM (b03bdsnw)

Full coverage and analysis of the day's news.

TUE 18:00 Six O'Clock News (b03bd87r)

The latest national and international news from BBC Radio 4.

TUE 18:30 John Finnemore's Souvenir Programme (b03bdsny)

Series 3

Episode 4

John Finnemore, the writer and star of *Cabin Pressure*, regular guest on *The Now Show* and popper-upper in things like *Miranda*, presents a third series series of his hit sketch show.

The first series was described as 'sparkingly clever' by *The Daily Telegraph* and 'one of the most consistently funny sketch shows for quite some time' by *The Guardian*. The second series won Best Radio Comedy at both the Chortle and Comedy.co.uk awards, and was nominated for a Sony award.

This time around, John promises to stop doing silly sketches about nonsense like Winnie the Pooh's honey addiction or how goldfish invented computer programming, and concentrate instead on the the big, serious issues.

This fourth episode of the series contains a sketch that is much, much too rude; advice on how to deal with bullies; and an accidental visit to Ambridge.

Written by and starring John Finnemore, with Margaret Cabourn-Smith, Simon Kane, Lawry Lewin and Carrie Quinlan.

Producer: Ed Morrish.

TUE 19:00 The Archers (b03bdsp0)

Nic helps Eddie get Joe to the clinic for his new cast. Nic persuades Eddie to go to the pub for a break, and he tells Ed how brilliant she's been. But she'll soon have a new baby to cope with. Ed assures him they'll all help with Joe. Ed observes

that Joe's tough, he might surprise everyone. Eddie counters that Joe's changed. He's suddenly an old man, and hates being dependent on them for everything. Ed urges Eddie to stay strong.

Eddie takes pictures of Joe's injuries for the solicitor. He assures Joe he's given the Echo the facts, but no pictures.

Ruth checks with Ed whether she can visit Joe later. They are both dismissive of the folksy name for the mega dairy: Berrow Farm. When Ruth visits Joe later, she finds he has a rather depressing take on the way dairy farming is going.

Darrell is warned off begging for cash by the man he fell out with at the Elms. Eric claims it's his patch. But Darrell doesn't go far enough away. Eric returns, now accusing Darrell of queering his pitch with The Elms. Darrell's protests fall on deaf ears, and Eric puts the boot in.

TUE 19:15 Front Row (b03bdsp2)

Fourth Plinth art; Stephen King reviewed; Alfred and Adrian Brendel; BBC Short Story Award

With Mark Lawson.

The artworks competing to occupy Trafalgar Square's Fourth Plinth in 2015 and 2016 were unveiled today. Shortlisted artists Marcus Coates and Liliane Lijn discuss their designs, along with Ekow Eshun, chair of the Fourth Plinth Commissioning Group, who make the final decision about which two artworks will be successful.

Stephen King publishes a sequel to his 1977 novel *The Shining* today. The boy Danny Torrance has grown up, but has he managed to escape the legacy of his alcoholic psychopathic father? Rachel Cooke reviews *Doctor Sleep*.

Lionel Shriver is the latest writer in our series of interviews with the contenders for the BBC National Short Story Award 2013. Her story called *Prepositions* is set around events during 9/11 and takes the form of a letter between two women. *Prepositions* is broadcast on Wednesday at **3.30pm** on Radio 4.

Alfred Brendel, one of the world's greatest pianists, retired from playing in public in 2008, although at the age of 82 he still performs his own poems and is about to take part in a poetry and music event with his son, the cellist Adrian Brendel. They reflect on their artistic relationship and what it is like to perform together as father and son.

Producer Dymphna Flynn.

TUE 19:45 15 Minute Drama (b03bds3p)

[Repeat of broadcast at 10:45 today]

TUE 20:00 File on 4 (b03bdsyk)

Secrecy and Surveillance

Recent revelations about secret mass surveillance programmes have raised fears about potential abuses of individual privacy in favour of national security.

With requests to intercept personal communications data on the rise, just who is collecting the information and for what purpose?

Even local authorities can now use surveillance powers to track employees and monitor the activities of residents. So what rights do people have when they feel they have been unfairly targeted?

Jenny Chriss examines the role of the Investigatory Powers Tribunal - the little known body that considers complaints from those who've been under surveillance by the state. Critics talk of an "Orwellian system" in which cases are shrouded in too much secrecy. The Tribunal usually sits in private, with claimants barred from hearing evidence and with little detailed explanation of its decisions. So where should the balance lie between openness and effective oversight?

Producer: Gail Champion.

TUE 20:40 In Touch (b03bdsym)

RNIB Report on declining services

Norman Lamb MP, Minister for Care and Support, responds to a report by the RNIB which claims that blind people are not receiving adequate rehabilitation services at the point they lose their sight.

Philip Connolly, one of the report's authors, talks about the size of the decline in services and how it will affect newly blind people.

TUE 21:00 Inside Health (b03bdsyp)

Parkinson's Disease, Breast cancer screening, Slimming pills,

Sunscreens, Teeth

Following Billy Connolly's announcement that he has signs of Parkinson's Disease, *Inside Health* reports from the World Congress of Neurology in Vienna where early diagnosis is top of the agenda.

Suncreams and Cancer. After a long hot summer an evidence based look at whether sunscreens really protect against the lethal forms of skin cancer - melanoma.

And slimming pills - why have two regulatory bodies on different sides of the Atlantic made different decisions about two diet drugs?

As a new NHS information leaflet 'Helping You Decide' is given to women invited for breast screening, Dr Margaret McCartney - who has criticised previous versions - gives her verdict.

And a definitive guide to the only true dental emergency - what to do if you or your child knocks out a front tooth.

TUE 21:30 The Life Scientific (b03bdpl5)

[Repeat of broadcast at 09:00 today]

TUE 21:58 Weather (b03bd87t)

The latest weather forecast.

TUE 22:00 The World Tonight (b03bdsyr)

Ed Miliband announces energy price freeze; Kenya siege - the latest; Iran's Rouhani addresses the UN. With Carolyn Quinn.

TUE 22:45 Book at Bedtime (b03bllql)

Lady Susan

Episode 2

A little known, very early Jane Austen work, performed on the radio for the first time.

A beautiful and scheming widow seeks a husband for both herself and her shy and awkward daughter, while engaged in an affair with a married man.

Who will win the heart of the rich and handsome Reginald De Courcy? And will the truth about Lady Susan ever come out? These are the questions a teenaged Jane Austen posed in this early epistolary novella, published long after her death - the first of her many wise and witty studies of love and marriage, and the games people play.

Read by Emilia Fox, Lucy Robinson and Theo Fraser Steele
Abridged by Eileen Horne
Producer: Clive Brill

A Pacificus production for BBC Radio 4.

TUE 23:00 Detective Sergeant Nick Mohammed (b03bdsyt)

Series 2

Security

DS Nick Mohammed is asked to provide additional security for a major event.

Critically acclaimed sitcom written and performed by Nick Mohammed.

As ever, he is assisted by long-suffering constables Anna Crilly and Colin Hoult

With Margaret Cabourn-Smith and Will Andrews.

Script Editor: Johnny Sweet

Producer: Victoria Lloyd

First broadcast on BBC Radio 4 in September 2013.

TUE 23:30 Don't Log Off (b01s8mnq)

Series 3

Connection & Separation

Alan Dein crosses the world via Facebook and Skype, hearing the real life dramas of random strangers.

Hooked up to a computer well into the early hours of the morning, Alan circumnavigates the globe online inviting anyone and everyone to talk to him. He never knows who he will be

speaking to next or what secrets they will reveal.

In the first programme, Alan hears stories of connection and separation. He connects with a man in Cairo as a gunfight rages outside, a French woman nervously awaiting a meeting with her estranged father and a Brazilian man mystified at the disappearance of an online lover.

Producer: Laurence Grissell.

WEDNESDAY 25 SEPTEMBER 2013

WED 00:00 Midnight News (b03bd88n)

The latest national and international news from BBC Radio 4. Followed by Weather.

WED 00:30 Book of the Week (b03bdp19)

[Repeat of broadcast at 09:45 on Tuesday]

WED 00:48 Shipping Forecast (b03bd88q)

The latest shipping forecast.

WED 01:00 Selection of BBC World Service Programmes (b03bd88s)

BBC Radio 4 joins the BBC World Service.

WED 05:20 Shipping Forecast (b03bd88r)

The latest shipping forecast.

WED 05:30 News Briefing (b03bd88x)

The latest news from BBC Radio 4.

WED 05:43 Prayer for the Day (b03bmk4z)

A spiritual comment and prayer to begin the day with Sister Jane Livesey CJ.

WED 05:45 Farming Today (b03bdw7x)

Trading Standards officers are inspecting restaurants, hotels and cafes across Wales to make sure the meat they describe as Welsh really is Welsh. Anna Hill finds out why simply rearing beef and lamb in Wales isn't be enough. It must also be slaughtered in specially-licensed abattoirs.

Farming Today explores the 'Jurassic Park' for rare breed farm animals on the Isle of Man, and hears about a new plan to protect purebred Scottish wildcats. Millionaire casino owner and conservationist Damian Aspinall is turning a remote Scottish island into a stronghold for the species, preventing them from breeding with feral domestic cats.

And continuing our boozy exploration of Britain's homegrown beverages, Anna Hill visits the Aspell's orchard in Suffolk. The family has been making cider and vinegar for more than 270 years.

Presented by Anna Hill. Produced in Bristol by Anna Jones.

WED 05:58 Tweet of the Day (b038qkbj)

Melodious Warbler

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs.

Brett Westwood presents the melodious warbler. A lemon-yellow warbler singing on a sunny Spanish hillside will be the well-named Melodious Warbler. They are slightly smaller than blackcaps, moss-green above and pale yellow below. You may occasionally see them in the UK in late summer or autumn. The song is melodious and the bird often includes nasal chattering phrases that sound like house sparrows.

WED 06:00 Today (b03bdw7z)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

WED 09:00 Midweek (b03bdw81)

Alexei Sayle, Barry Norman, Jacqui Dankworth, Don Bachardy

Jacqui Dankworth is a singer and actor. The daughter of Sir John Dankworth and Dame Cleo Laine, Jacqui recently played a jazz singer in *American Lulu*, a reworking of Alban Berg's opera. Her new album, *Live To Love*, features jazz, soul and blues-infused original compositions alongside covers of songs by Wayne Shorter, Johnny Mercer and Donny Hathaway. She is also touring the UK. *Live To Love* is released on Proper Records.

Don Bachardy is a portrait artist and former partner of the writer Christopher Isherwood. They met in California in 1952 and, defying convention, began living as an openly gay couple in an otherwise closeted Hollywood. *The Animals* is a collection of letters they wrote to each other in their animal guises – "Dobbin the workhorse (Christopher) and Kitty the white cat (Don). *The Animals - Love Letters* between Christopher Isherwood and Don Bachardy is published by Chatto & Windus.

Barry Norman is a film critic, writer and broadcaster who presented the BBC's Film Programme from 1972 until 1998. He started out as a gossip columnist for the Daily Sketch and was scriptwriter for the cartoon strip, Flook. In his memoir, *See You in the Morning*, he writes about his early life and marriage to his late wife Diana. *See You in the Morning* is published by Doubleday.

Alexei Sayle is a comic, novelist and actor who was a central part of the alternative comedy circuit and a star of shows such as *The Young Ones* and *The Comic Strip Presents*. He embarks on his first full-length stand-up tour in 17 years.

WED 09:45 Book of the Week (b03bdw83)

Empress Dowager Cixi: The Concubine Who Launched Modern China

Episode 3

Jung Chang's biography of this remarkable 19th century stateswoman continues. Following the death of her son, Emperor Tongzhi, in 1875, Cixi adopted the three year old son of her sister and named him the new Emperor. This saw her return to power as the Empress Dowager and she continued to push through her reforms.

Read by Pik-Sen Lim
Abridged by Sara Davies
Produced by Gemma Jenkins.

WED 10:00 Woman's Hour (b03bdw85)

Pussy Riot protest; Fertility and media headlines; Colourism

The convicted Pussy Riot protestor, Nadezhda Tolokonnikova, is on hunger strike over conditions in her prison - we hear from Judith Pallot who has visited the Penal Colony 14. The film 'Dark Girl' looks at the way women with darker skin suffer discrimination from women with lighter skin. How can patients who hope to get pregnant navigate their way through the reporting of 'breakthroughs' in fertility treatment? Helen Sherman and Paula Sides are performing in *The Coronation of Poppea* and sing live in the studio. And have you managed to stay friends with your ex after divorce? Jenni Murray presents.

WED 10:45 15 Minute Drama (b03bdw87)

Writing the Century: Takes Two to Tandem

Episode 3

Writing the Century
Takes Two to Tandem
by Lavinia Murray

The series which explores the 20th century through the diaries and correspondence of real people, returns with *Takes Two to Tandem* by Lavinia Murray. A touching, lively, humorous drama inspired by the 1930s diaries of Frank Ayliffe.

Frank is a doer and a trier, a wonderfully complex, gregarious, self-confounding, honest and loving man, always aware of his shortcomings and keen to better himself intellectually and materially. *Takes Two to Tandem* is a rich glimpse into how aspirational, impoverished and socially mobile the interwar years were.

Frank: 'It seems to me that the best thing to do is to be aware of the angle that the world is, for each one of us, a personal world. We can create our own ideas of freedom and set standards of behaviour which will enable us to maintain an attitude of being unattached to the petty things that are the beginning of bondage in bigger things.'

A bachelor again, Frank organises the latest Clarendon Cycle Club competition but can he control temptation and resist Doris' allure.

Produced and Directed by Sharon Sephton.

WED 11:00 NHS: Changing Culture (b03bdw89)

Episode 2

In the second of two programmes, business journalist Lesley Curwen, reports on how prepared top NHS leaders are to transform failing cultures in their hospitals.

In the shadow of the appalling treatment by patients at Mid

Staffordshire and elsewhere, when senior NHS managers prioritised targets instead of patient care, Lesley hears from some of the most senior leaders in the health service about how they now intend to switch their focus.

She visits the new top team at struggling Barking, Havering and Redbridge in greater London and discovers the challenges facing the Chairman and the new senior executive team as they try lift the Trust's poor performance.

Managers from South Tees tell Lesley that culture is "the way you do things when nobody's looking" and they show how investing in staff can translate into better patient care.

And as the NHS adapts to the radical reorganisation of 2013, Lesley asks how clinical commissioning and budget cuts will affect managers' drive to restore NHS culture and put high quality, compassionate patient care at the top of the agenda.

Producer: Fiona Hill.

WED 11:30 The Rivals (b03bdw8e)

Series 2

The Clue of the Silver Spoons

By Robert Barr.

Dramatised By Chris Harrald.

Inspector Lestrade was made to look a fool in the Sherlock Holmes stories. Now he is writing his memories and has a chance to get his own back, with tales of Holmes' rivals. He continues with *Food Connoisseur and Detective Eugene Valmont* trying to solve a curious series of thefts from private dinner parties

Producer: Liz Webb.

WED 12:00 You and Yours (b03bdw8f)

Part-time jobs, solar panels, pubs and VAT

Consumer news with Winifred Robinson.

WED 12:57 Weather (b03bd88z)

The latest weather forecast.

WED 13:00 World at One (b03bdw8h)

National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

WED 13:45 Our Dreams: Our Selves (b03bdw8k)

Renaissance Dreamers: Witches, Demons and the Troubles of Eros

Over the course of this week, Lucy Powell explores the history of dreams and what we think they mean, a hundred years after Sigmund Freud's great work 'The Interpretation of Dreams' appeared in English. She traces the shadowy, circuitous and often surprising history of dreams, from the oldest works of Western literature to the very forefront of neuroscience, and finds out where dreams have taken us in the past, and where they might transport us next.

In this programme, she explores the dreams of the Renaissance.

Nowhere do we feel as safe and shielded from the world as in our beds. They are witness to the most significant events of our lives, from birth to death. And our beds are also the theatres in which the nightly drama of our dreams plays out. But for the people of the Renaissance, the bed and the dreams that arrived in them were also sites of very real danger.

Lucy eavesdrops on Renaissance dreamers including Oliver Cromwell's grandmother and Samuel Pepys, to uncover the potential dangers of the erotic and the political dream. And she visits the great house of Knole in Kent to find out how Shakespeare used the dream to disguise dangerous statements about power and politics in Renaissance England.

Producer: Jane Greenwood.
A Loftus production for BBC Radio 4.

WED 14:00 The Archers (b03bdspp)

[Repeat of broadcast at 19:00 on Tuesday]

WED 14:15 Drama (b03bdw8m)

Out of the Blue

Episode 2

A cabal inside the UK's police force conspires to undermine the

government. Starring Anthony Howell, Philip Jackson and Lesley Manville.

When East Midlands police superintendent Laurie Creed (Anthony Howell) is approached by a right wing MP and a couple of police chiefs he wonders about their agenda. Talk turns to politics and anger at the current government's cuts. It's time for action, they say.

Set in contemporary Britain, Michael Eaton's fictional drama imagines that a rogue element in the Association of Chief Police Officers is meddling in politics. Producer David Morley says the Andrew Mitchell "Plebgate" affair was the inspiration for the drama. "When a Cabinet Minister was forced to resign, despite denying any wrongdoing, on allegations backed up only by the verbal evidence of a few policemen, it made me wonder what the UK's police could do if they really were politically motivated."

Writer: Michael Eaton
Producer: David Morley
Director: Dirk Maggs

A Perfectly Normal production for BBC Radio 4.

WED 15:00 Money Box Live (b03bfk91)

Personal Banking

Trying to sort out a personal banking issue but getting nowhere? Paul Lewis and guests will be ready to help on Wednesday's Money Box Live. Call 03700 100 444 from 1pm to 3.30pm on Wednesday or e-mail moneybox@bbc.co.uk

Whether you manage your bank account through a mobile phone app or with a cheque book and pen you'll want things to run smoothly, access to your money, payments to be made on time and no unexpected headaches.

So what service standards should your bank provide and what are your rights as a customer?

What are the rules about resolving disputes and who takes responsibility?

If you want to move to another bank you might want to ask about the new Current Account Switching Service which promises to do the work for you in seven days. What are the guarantees?

To find out more talk to Paul Lewis and guests on Wednesday's Money Box Live. Joining Paul will be:

Emma Cocksedge, Senior Product Manager, First Direct

Mike Dailly, Consumer Rights Lawyer, Govan Law Centre

Craig Donaldson, CEO, Metro Bank

Call 03700 100 444 between 1pm and 3.30pm on Wednesday or e-mail moneybox@bbc.co.uk now. Standard geographic charges apply. Calls from mobiles may be higher.

WED 15:30 BBC National Short Story Award (b03bfk98)

BBC National Short Story Award 2013

Prepositions

Lionel Shriver's story takes the form of a letter in which long held resentments are finally expressed, ten years after the terrorist attack on the World Trade Center.

Read by Nancy Crane
Produced by Gemma Jenkins.

WED 16:00 Thinking Allowed (b03bfk9h)

Noodle narratives; British men dancing Capoeira

Noodle narratives - Laurie Taylor talks to US anthropologist, Deborah Gewertz, about the invention, production and consumption of instant ramen noodles. From their origins in Japan to their worldwide spread to markets as diverse as the USA and Papua New Guinea. As popular with the affluent as with the poor, they enable diverse populations to manage their lives. So how did noodles become one of the industrial food system's most successful achievements? And what can the humble noodle tell us about the history of food and the anthropology of globalisation? Also, British men dancing like Brazilians. Social scientist, Neil Stephens, discusses a study which finds that Capoeira challenges the traditional opposition between masculinity and dance. He's joined by Theresa Buckland, Professor of Dance History and Ethnography.

Producer: Jayne Egerton.

WED 16:30 The Media Show (b03bfk9s)

Children's TV, 90 years of the Radio Times

The BBC has published its review of children's services at the corporation, revealing how viewing trends amongst youngsters is changing. It says children want more content online so they can access it from their mobile phones and tablets. Steve Hewlett speaks to Helen Bullough, head of in-house production for CBBC about the challenges posed by creating apps and on-demand content for children. Also joining him is Greg Childs, who launched the first internet services for Children's BBC and is now Director of the Children's Media Foundation, and asks him why he thinks the BBC needs to do more to move children's entertainment from TV to online.

A new season on Channel 4 starts next week which claims to examine how pornography is affecting people's lives. One show, Sex Box, will feature couples having sex in a solid, sound-proofed box and then discussing their experience with a panel of experts. We talk to host Mariella Frostrup about why she decided to get involved, and what can be gained from a programme like this. And Ralph Lee, head of factual programmes at the channel, discusses whether programming like this fulfills a public service remit, or is simply a gimmick to attract a dwindling youth audience.

The Radio Times celebrates its 90th birthday this week. Launched in a fit of pique in 1923, after an announcement from the Newspaper Proprietors' Association that it would be charging the BBC for publishing radio listings, it's since become one of the best known magazines of its kind. Steve Hewlett talks to its editor Ben Preston about how it's keeping pace by providing online guides, and keeping circulation going by brokering exclusives with big names like Naomi Campbell and Jamie Oliver.

Producer: Katy Takatsuki

WED 17:00 PM (b03bfk9z)

Coverage and analysis of the day's news.

WED 18:00 Six O'Clock News (b03bd891)

The latest national and international news from BBC Radio 4.

WED 18:30 My Teenage Diary (b03bfkb7)

Series 5

Kate Mosse

Comedian Rufus Hound is joined by author Kate Mosse, whose diary tells of a rain-soaked family holiday to the Lake District in the 1970s.

Highlights of the trip included getting lost in the Newbury one-way system and a visit to a pencil factory.

Producer: Harriet Jaïne

A Talkback production for BBC Radio 4.

WED 19:00 The Archers (b03bfkbg)

Kathy's worried she won't get another job at her age, while admitting she's relieved to be out of the golf club. Jamie has confidence in her. While she's still being paid by the club, she should take it easy for bit.

Kenton and Jamie aren't making much progress with stag night ideas. On the other hand, Jolene and Lilian have the hen do all wrapped up: luxurious spa treatments and dinner at a swanky hotel. Jolene quietly checks it's OK with Lilian. The hotel is one she went to with Paul. Lilian's fine with it. Jolene kindly reminds her that she still has her picture safe, whenever Lilian wants it.

Brenda surprises a delighted Kirsty, who didn't know Brenda was back in Ambridge. Brenda confesses she's still in touch with Dmitry. She's staying with his best mate Zac, doing odd bits of work for him. But she needs to get a proper job. She's keen to catch up on the gossip, and Kirsty fills her in on Kathy's resignation. But when Brenda probes Kirsty on her love life, Kirsty quickly changes the subject.

Tom and Brenda have a friendly catch-up in the Bull. When Kirsty stumbles upon them getting on so well, she feels awkward and leaves.

WED 19:15 Front Row (b03bfkbp)

Johnny Vegas, William Boyd, BBC Short Story Award

With Mark Lawson

Comedian and actor Johnny Vegas - real name Michael Pennington - talks to Mark about dropping out of seminary school before embarking on a career in stand-up comedy and how his drunken persona threatened to take over entirely. His autobiography Becoming Johnny Vegas takes a candid look

back at the person behind the persona.

This week sees the publication of Solo in which a 45-year-old James Bond, haunted by his memories of his service at the D-Day landings, is sent from 1960s London to help end a war in the fictional African state of Zanzarim. William Boyd discusses how he went through the Fleming canon to learn about the UK's most celebrated spy, writing him from a modern day perspective which meant dealing with his 70-a-day cigarette habit and ferocious drinking, plus why he includes a recipe for Bond's salad dressing.

The next writer in Front Row's series of interviews with the contenders for the BBC National Short Story Award 2013 is Lucy Wood, whose story is about a group of ghosts that watch over a Cornish house and its changing inhabitants. Notes from the House Spirits is broadcast tomorrow at 3.30pm on Radio 4.

Producer Ella-mai Robey.

WED 19:45 15 Minute Drama (b03bdw87)

[Repeat of broadcast at 10:45 today]

WED 20:00 Unreliable Evidence (b03bfkbn)

Taking the Government to Court

Is our legal right to challenge the power of government under threat? Clive Anderson and guests discuss concerns that Government proposals to limit the use of judicial review could result in unlawful decisions by government and other public bodies going unchecked.

The number of applications for judicial review have increased rapidly in recent years, at great financial cost, but very few are ultimately successful. Is judicial review a "lawyers' charter" or an essential check on the way government and other public bodies exercise power?

A quadrupling of legal fees and tighter restrictions on time limits for lodging applications will choke off the "soaring number of judicial review" cases brought before the courts, according to Justice Secretary, Chris Grayling. He says these measures will prevent claims being used as a "cheap delaying tactic" in planning and immigration appeals. But lawyers have warned that the changes will restrict legal challenges to local authority decisions, creating the risk that vulnerable teenagers will be deprived of care and safe accommodation.

And Labour's justice spokesman, Sadiq Khan, says, "Recent history has shown the importance of judicial reviews in exposing shoddy and unlawful government decision-making - from the disastrous west coast mainline franchising to the botched cancelling of Building Schools for the Future".

Senior lawyers, judges and politicians discuss the strengths and weakness of judicial review, look at landmark cases, and argue about whether such legal challenges undermine good government.

Producer: Brian King

An Above the Title production for BBC Radio 4.

WED 20:45 Four Thought (b03bfkc3)

Series 4

Mona Siddiqui

As the first Muslim chair in Islamic and Interreligious Studies at the University of Edinburgh, Mona Siddiqui regularly engages on inter-faith issues.

Reflecting on her own life, Mona says that far from being a private matter, friendship is more of a societal good that is achieving ever greater significance in the globalized world.

Four Thought is a series of talks which combine new ideas and personal stories.

Recorded during the Edinburgh festival, speakers explain their thinking on the trends and ideas in culture and society in front of a live audience.

Producer: Caitlin Smith.

WED 21:00 Costing the Earth (b03bfkcb)

Burn That Fat!

Fighting the fat can be a difficult issue - and not just for our waistslines. Old cooking oil from our takeaways and roast dinners can cause major problems - from polluting watercourses to blocking sewers and causing flooding if not disposed of carefully. But rising commodity prices and surprising new uses have turned it from waste product to wonder in some people's eyes.

Tom Heap slides his way to a fat recycling plant where

everything from large scale tubs of mayonnaise to tiny butter sachets and even pork scratchings are seen as a golden resource which can be treated and turned into fuels. Out of date or overcooked foods can still find a purpose - even 'frier sludges' are valued here.

So how far would Tom go in pursuit of useful waste fat? A trip beneath the streets of London to the sewers sees him in search of 'fatbergs' - created by the build up of grease thrown down our sinks. Some as large as double-decker buses have been found which have to be blasted out to ensure they don't block the system and cause sewage to flood people's homes. Now instead of being sent to landfill they're being put to good use - despite being once of the most degraded fats on the spectrum.

Meanwhile the University of Wolverhampton has been using oil from the local chippy and canteen for its lab experiments. They've been able to make a bioplastic - something so pure from something so dirty - that it will be used inside the human body to aid healing.

Produced in Bristol by Anne-Marie Bullock.

WED 21:30 Midweek (b03bdw81)

[Repeat of broadcast at 09:00 today]

WED 21:58 Weather (b03bd893)

The latest weather forecast.

WED 22:00 The World Tonight (b03bfkcl)

In-depth reporting and analysis from a global perspective.

WED 22:45 Book at Bedtime (b03blmtg)

Lady Susan

Episode 3

Long A little known, very early Jane Austen work, performed on the radio for the first time.

A beautiful and scheming widow seeks a husband for both herself and her shy and awkward daughter, while engaged in an affair with a married man.

Who will win the heart of the rich and handsome Reginald De Courcy? And will the truth about Lady Susan ever come out? These are the questions a teenaged Jane Austen posed in this early epistolary novella, published long after her death - the first of her many wise and witty studies of love and marriage, and the games people play.

Read by Emilia Fox, Lucy Robinson and Theo Fraser Steele
Abridged by Eileen Horne
Producer: Clive Brill

A Pacificus production for BBC Radio 4.

WED 23:00 The Music Teacher (b03bfkcx)

Series 3

Episode 4

Richie Webb returns as multi-instrumentalist music teacher Nigel Penny.

Nigel is somewhat distracted from his teaching duties by his temporary homelessness, his illegally parked rental transit van and Arts Centre Manager Belinda's increased security measures.

Directed by Nick Walker
Audio production by Matt Katz

Written and produced by Richie Webb
A Top Dog production for BBC Radio 4.

WED 23:15 Helen Keen's It Is Rocket Science (b00zt22n)

Series 1

Episode 4

Helen Keen's off-beat but true account of the history of space flight.

With Peter Serafinowicz and Susy Kane.

* Will humanity ever make it to the stars?

* Time travel, parallel universes and faster than light travel.

* Have aliens ever made it here? If so, were they tempted to use their vastly superior intelligence to really clean up in pub quizzes?

Written by Helen Keen and Miriam Underhill.

Producer: Gareth Edwards

First broadcast on BBC Radio 4 in March 2011.

WED 23:30 Don't Log Off (b01smdm0)
Series 3

Healing

Alan Dein holes himself up in a studio through the night and invites the online world to talk to him. Knowing nothing about the people he is about to talk to, he settles down for an evening of intriguing, random encounters.

In this second programme, he crosses the world via Facebook & Skype and hears the stories of people in the process of healing. A woman pursues new love when her husband's infidelity begins days after their wedding, a Ghanaian healer tries to cure a woman through prayer over the phone, and a barrister struggles to regain his speech after being stabbed and beaten with a machete in an Anguillian restaurant.

Producer: Sarah Bowen.

THURSDAY 26 SEPTEMBER 2013

THU 00:00 Midnight News (b03bd89y)
The latest national and international news from BBC Radio 4. Followed by Weather.

THU 00:30 Book of the Week (b03bdw83)
[Repeat of broadcast at 09:45 on Wednesday]

THU 00:48 Shipping Forecast (b03bd8b0)
The latest shipping forecast.

THU 01:00 Selection of BBC World Service Programmes (b03bd8b2)
BBC Radio 4 joins the BBC World Service.

THU 05:20 Shipping Forecast (b03bd8b4)
The latest shipping forecast.

THU 05:30 News Briefing (b03bd8b6)
The latest news from BBC Radio 4.

THU 05:43 Prayer for the Day (b03bmmtj)
A spiritual comment and prayer to begin the day with Sister Jane Livesey CJ.

THU 05:45 Farming Today (b03bfmlc)
What are National Parks for - livelihoods or landscape? The Secretary of State for the Environment argues that allowing more development could help both the rural economy and the environment, as part of the government's support for "biodiversity off-setting". But conservation groups disagree, arguing that it should be a last resort.

There are new arguments over rural broadband, and whether enough is being done to get super-fast connections to remote communities.

And we're at the Three Choirs Vineyard in Gloucestershire, to catch the first of the grape harvest.

Presented by Charlotte Smith. Produced by Emma Campbell.

THU 05:58 Tweet of the Day (b038qkcg)
Great Reed Warbler

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs.

Brett Westwood presents the great reed warbler. As you'd expect from their name, Great Reed Warblers are a much larger version of the Common Reed Warbler and breed in Continental Europe where their very loud song echoes around reed-beds, it can be heard up to half a kilometre away. We can hear one or more singing Great Reed Warblers in the UK each spring.

THU 06:00 Today (b03bfmlf)
Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

THU 09:00 In Our Time (b03bfmlh)
The Mamluks

Melvyn Bragg and his guests discuss the Mamluks, who ruled Egypt and Syria from about 1250 to 1517. Originally slave soldiers who managed to depose their masters, they went on to repel the Mongols and the Crusaders to become the dominant force in the medieval Islamic Middle Eastern world. Although the Mamluks were renowned as warriors, under their rule art, crafts and architecture blossomed. Little known by many in the West today, the Mamluks remained in power for almost 300 years until they were eventually overthrown by the Ottomans.

With:

Amira Bennison
Reader in the History and Culture of the Maghrib at the University of Cambridge and Fellow of Magdalene College

Robert Irwin
Former Senior Research Associate in the Department of History at SOAS, University of London

Doris Behrens-Abouseif
Nasser D Khalili Professor of Islamic Art and Archaeology at SOAS, University of London

Producer: Victoria Brignell.

THU 09:45 Book of the Week (b03bfmsy)

Empress Dowager Cixi: The Concubine Who Launched Modern China

Episode 4

Jung Chang's biography of this remarkable 19th century stateswoman continues. A young ambitious reformist looks to topple Cixi from power and a dramatic battle of wits ensues.

Read by Pik-Sen Lim
Abridged by Sara Davies
Produced by Gemma Jenkins.

THU 10:00 Woman's Hour (b03bfspy)

Constance Spry; Vivien Duffield; Mary Morrissy

For 30 years until her death in 1960, Constance Spry was the society florist choice with her arrangements being part of many Royal occasions. A Storm in a Flower Vase is a new play inspired by her life. Its producer Mig Kimpton and floral designer Susie Edwards talk about her life and work.

Writer Mary Morrissy on her latest novel The Rising of Bella Casey - the story of the sister of renowned Irish playwright Sean O'Casey. Woman's Hour Power Lister and philanthropist, Dame Vivien Duffield who inherited a vast fortune from her father Sir Charles Clore, the retail tycoon who owned Selfridges chats about the charitable Foundation that bears their names. And as the centre-right's Erna Solberg becomes the second woman to be elected Prime Minister of Norway we ask why women are reaching the top in Norwegian politics and what the impact of Norway's move to the right might have on women.

THU 10:45 15 Minute Drama (b03bfsvr)
Writing the Century: Takes Two to Tandem

Episode 4

Writing the Century
Takes Two to Tandem
by Lavinia Murray

The series which explores the 20th century through the diaries and correspondence of real people, returns with Takes Two to Tandem by Lavinia Murray. A touching, lively, humorous drama inspired by the 1930s diaries of Frank Ayliffe.

Frank is a doer and a trier, a wonderfully complex, gregarious, self-confounding, honest and loving man, always aware of his shortcomings and keen to better himself intellectually and materially. Takes Two to Tandem is a rich glimpse into how aspirational, impoverished and socially mobile the interwar years were.

Frank: 'It seems to me that the best thing to do is to be aware of the angle that the world is, for each one of us, a personal world. We can create our own ideas of freedom and set standards of behaviour which will enable us to maintain an attitude of being unattached to the petty things that are the beginning of bondage in bigger things.'

Things are in a state of flux. Can Frank recover from his latest blunder with Doris and will Lily's instructions improve his chances of avoiding a life of carefree but miserable bachelorhood?

Produced and Directed by Sharon Sephton.

THU 11:00 From Our Own Correspondent (b03bfsyt)
The Love Hunters

Reporters with despatches from Kenya, China, Germany, Egypt and islands in the Pacific.

THU 11:30 The Art of Radio Times (b03bfsyw)

Peter Day tells the story of the outstanding British graphic artists who made Radio Times magazine their canvas.

The idea that a broadcasting listings magazine should provide the opportunity for writers and artists to produce some of their finest creative work seems perhaps a little far-fetched in the present era of TV listing magazines and supplements. Yet Radio Times, which first appeared on bookstands on 28th September 1923, was a great nurturer of artistic talent.

It started with cartoons - the early magazine loved a gentle 'Punch'-like joke - but soon Radio Times evolved its own individual graphic idiom, using line drawings and motifs, alongside more conventional photographs, to illustrate the imaginative world of radio, in particular. In the magazine's heyday, an elegant Eric Fraser cover would regularly grace the bumper-selling Christmas edition, and 1953's Coronation Number became a collector's item with Fraser's simple and noble heraldic theme.

Alongside Eric Fraser, amongst the great British artists to create some of their most distinguished work for Radio Times were Edward Ardizzone, Val Biro and Victor Reinganum; Bob Sherriffs contributed thumbnail caricatures in the early years and 50 years later Peter Brookes, before becoming a fixture on The Times was a regular contributor.

In this programme, Peter Day explores the graphic heritage that Radio Times fostered with those who drew and those who commissioned for it.

Producer: Simon Elmes

First broadcast on BBC Radio 4 in September 2013.

THU 12:00 You and Yours (b03bfsyy)
Living without broadband

Consumer news with Winifred Robinson.

THU 12:57 Weather (b03bd8bb)
The latest weather forecast.

THU 13:00 World at One (b03bfsz0)
National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

THU 13:45 Our Dreams: Our Selves (b03bfsz2)
Dark Romantics and Opium Dreams

Over the course of this week, Lucy Powell explores the history of dreams and what we think they mean, a hundred years after Sigmund Freud's great work 'The Interpretation of Dreams' appeared in English. She traces the shadowy, circuitous and often surprising history of dreams, from the oldest works of western literature to the very forefront of neuroscience, and finds out where dreams have taken us in the past, and where they might transport us next.

In this programme, she explores the dreams of the eighteenth and nineteenth centuries. In this new, Enlightened era, the age-old notion that dreams might be divine emissaries or the dark nocturnal work of devilish spirits, would no longer hold cultural currency. All the demons that our dreams revealed would be our own. And yet, the Enlightenment also precipitated a scientific revolution that would see extremely powerful, psychomorph drugs being routinely prescribed for a whole host of ailments. Crucially for dreamers, one of these was opium, which bore very particular, poetic fruits. From Coleridge's Kubla Khan to the nightmares of de Quincey and the dream which led to Frankenstein, dreams in this era proved to be both creatively inspiring and personally terrifying.

Producer: Jane Greenwood.
A Loftus production for BBC Radio 4.

THU 14:00 The Archers (b03bfkbg)
[Repeat of broadcast at 19:00 on Wednesday]

THU 14:15 Brief Lives (b03bfsz4)
Series 6

Episode 5

Brief Lives by Tom Fry and Sharon Kelly

Sarah prepares for her big trip abroad with her new boyfriend Paul. And Frank gets a big shock when he is called in to represent a computer hacker.

Director/Producer Gary Brown.

THU 15:00 Rambblings (b03bfsz6)

Series 25

Werca's Folk, Warkworth in Northumberland

Clare Balding is in Northumberland to join the walking group from the local women's choir, Werca's Folk. It was formed over eighteen years ago by the well-known folk singer and composer, Sandra Kerr. They set off from the village she lives in and loves very much, Warkworth. Werca's Folk, an unadorned group, specialise in singing new and traditional folk songs about the area, its people and its history.

Many of the original founder members are still in the choir and they explain it's not just the singing that keeps them turning up week after week. The group have developed a collaborative and mutually supportive ethos that has forged strong friendships, resulting in them enjoying social time together even away from the rehearsal room and concert hall. They regularly escape from home and family for weekends away to walk, talk and indulge in the odd glass of wine.

As they set off on a circular route around the village they talk to Clare about the role the choir plays in their lives and the joy of singing and walking together.

Producer Lucy Lunt.

THU 15:27 Radio 4 Appeal (b03bd91p)

[Repeat of broadcast at 07:55 on Sunday]

THU 15:30 BBC National Short Story Award (b03bfszb)

BBC National Short Story Award 2013

Notes From the House Spirits

Hattie Morahan reads the next story up for this prestigious award, a chronicle of the happenings and lives of the neglectful inhabitants of a particular house.

Written by Lucy Wood

Abridged by Miranda Davies

Produced by Elizabeth Allard

On Tuesday, 8th October the announcement of the winning short story and the runner up will be broadcast live from the Radio Theatre at BBC Broadcasting House on Front Row.

THU 16:00 The Film Programme (b03bfszd)

Cate Blanchett on Woody Allen's Blue Jasmine; Michael Roemer on Nothing But a Man; Denis Villeneuve on Prisoners

Cate Blanchett talks to Francine Stock about her well-received performance as banker's wife and socialite in Blue Jasmine. Directed by Woody Allen, it tells the story of a corrupt financier, played by Alec Baldwin, and his wife who fall from high society when he is arrested for fraud.

The Quebecois director Denis Villeneuve, who made Incendies and Polytechnique, is back with a new film, Prisoners, starring Jake Gyllenhaal and Hugh Jackman. The plot follows two families whose daughters mysteriously disappear and explores how grief and desperation can corrupt.

As biopics dominate the award season releases, the director Margarethe von Trotta discusses her new film about the German Jewish political theorist Hannah Arendt. It focuses on the period around 1961 when Arendt caused great controversy in her essays about the trial of the Nazi Adolf Eichmann in Israel. The trial inspired her famous phrase "the banality of evil".

Plus director Michael Roemer looks back at his ground-breaking film Nothing But a Man, released in 1964 and now restored by the Library of Congress and re-released by the BFI. It follows a young black man as he tries to shake off his alcoholic father and find a decent life for himself in the segregated South. Michael Roemer explains why it was difficult to find black audiences and how even today, many people presume he must be black himself to have made this film.

Producer: Elaine Lester.

THU 16:30 BBC Inside Science (b03bfszj)

Fracking FAQs; Fingerprint feedback; Lipstick forensics; Snake hook

Fracking is touted as a technology that will lower UK energy bills. It's a controversial technique which unlocks natural gas from shale rock. But it raises many environmental concerns. So what does the science say? Adam Rutherford sorts science fact from science fiction, putting your Frack FAQs to four experts. Reporter Gaia Vince travels to a gas well site in Warrington to discover the various techniques used to extract gas onshore in the UK.

Also on the programme, your feedback to last week's story on new fingerprint technology.

Lipstick forensics: Professor Michael Went at the University of Kent has developed a new method for unpicking the make-up of make up left at crime scenes.

And this week's Show Us Your Instrument comes from Cardiff University, as we showcase herpetologist Dr Rhys Jones's snake hook. It's a low-tech but vital piece of kit for handling snakes. It's also useful for scrumping.

THU 17:00 PM (b03bfszj)

Full coverage and analysis of the day's news.

THU 18:00 Six O'Clock News (b03bd8bd)

The latest national and international news from BBC Radio 4.

THU 18:30 Fags, Mags and Bags (b01nb28b)

Series 5

Carnaptious Scoosh

More shop-based shenanigans and over the counter philosophy courtesy of Ramesh Mahju and his trusty sidekick Dave. The staff of Fags, Mags and Bags continue their tireless quest to bring nice-price custard creams and cans of coke with Arabic writing on them to an ungrateful nation.

Ramesh Mahju has built the business up over 30 years and loves the art of the shop. However, he does apply the "low return" rules of the shop to all other aspects of his life. Then there are Ramesh's sons Sanjay and Alok, both surly and not keen on the old school approach to shopkeeping, but Ramesh is keen to pass all his worldly wisdom onto them whether they like it or not!

In this episode, new shop regular Mrs Birkett goes head to head with Lovely Sue as they both enter their cat in the Caticus Cat of the Year competition. Meanwhile, Sanjay and Alok start making music with their new cool friend Grebo, who goes by the rapping name of Carnaptious Scoosh.

Producer: Gus Beattie

A Comedy Unit production for BBC Radio 4.

THU 19:00 The Archers (b03bfszl)

With 70-odd heifers arriving, Rob is too busy to chat on the phone but invites Helen over for a quick coffee later. When they meet, they talk about Alice's birthday. It will be lovely to be together at Alice's party, even if they can't smooch in the corner. They have to quickly disembrace as Darrell interrupts them. He asks Rob if he has any work going. Rob has nothing but wishes him luck in his search.

Joe's accident makes the front page of the Borchester Echo. Alistair shares Shula's concern for Caroline, who's got the local authority inspectors coming in today.

Later, Shula has a frightening confrontation with Darrell. He blames her tipping off The Elms about Eric, who then gave Darrell a beating.

Shula is badly shaken. She tells Alistair that she's managed to make things ten times worse for Darrell, and feels she ought to apologise. Alistair assures her that Darrell will feel differently when things settle down but she should stay well away until then.

THU 19:15 Front Row (b03bfszn)

Atlantis; Michael Morpurgo; Hannah Arendt; BBC National Short Story Award

With Kirsty Lang.

Atlantis is the new family drama from the BBC, aiming to fill the Saturday night slot vacated by Merlin and Doctor Who. The action takes place in the mythical city of Atlantis and features Mark Addy as Hercules and Juliet Stevenson as the Oracle. Natalie Haynes reviews.

Michael Morpurgo is one of our best known and most prolific children's writers. On the eve of his 70th birthday and with a

writing career spanning nearly 40 years, he has witnessed a huge shift in the profile of the children's writer, in part aided by the Children's Laureate award he devised with his friend Ted Hughes. He reflects on the reasons for the shift and the impact on his career of the War Horse phenomenon, as it became a play and then a film.

The final shortlisted author in the BBC National Short Story Award 2013 is Lavinia Greenlaw, who'll be discussing her entry We Are Watching Something Terrible Happening. Love and science collide in the chaos of a disintegrating relationship, a civil war and the trajectory of meteorites. The story will be read on Radio 4 tomorrow afternoon at 3.30.

A new film by Margarethe von Trotta explores Hannah Arendt's experience of covering Adolf Eichmann's war crimes trial for the New Yorker. This became the basis for her most famous work Eichmann in Jerusalem: A Report on the Banality of Evil. Shahidha Bari reviews the film.

Producer Ellie Buray.

THU 19:45 15 Minute Drama (b03bfsyr)

[Repeat of broadcast at 10:45 today]

THU 20:00 The Report (b03bfszq)

Samantha Lewthwaite: From the Shires to Al-Shabab

As bullets flew around the Westgate Shopping Mall in Nairobi, Kenya, at the weekend, a familiar name surfaced once again. Samantha Lewthwaite, the widow of a 7/7 bomber and a woman wanted by both British and Kenyan security services, was reported as being involved in the mass shootings. Who is the woman known as "The White Widow"?

While it is not yet confirmed that she was at Westgate, there is no doubt that Samantha Lewthwaite has become a key figure in the Somalia-based terrorist organisation Al-Shabab, which masterminded the audacious attack.

The widow of 7/7 bomber Germaine Lindsay, she claimed ignorance of the plans to bomb London in 2005 and was even given police protection at her home in Aylesbury. The police lost track of her until she reappeared in Kenya in 2012 where she was accused of involvement in a terror plot in Mombasa. But she escaped arrest and has been on the run ever since. Her reputation has grown and she is now seen as a key communicator for the network.

Presenter Simon Cox first reported on Samantha Lewthwaite's story in April 2012. In the wake of the Westgate shopping centre attacks, The Report gives listeners another chance to hear how the daughter of a former British soldier rose to prominence in the jihadist group responsible for the killings. Producers: Lucy Proctor and Sally Chesworth.

THU 20:30 In Business (b03bfszs)

China's Economic Crossroads

The Chinese government plans to have 200 million graduates by 2020. Although this number still needs to be seen in its context of the 1.3 billion Chinese population, it is still a large increase in skilled workers from the 1 million graduates in 2000. But cracks in the plan are being shown by the class of 2013. Seven million people finished university this year and many are finding that the types of job they want aren't available. Many employers also can't find the workers they want to fill their jobs. This is an illustration of China's economy at a turning point in its development. The rapid economic expansion of the past thirty years, based on cheap labour making goods for export, is slowing down and something needs to come and fill the gap it is leaving behind. In this week's In Business, Peter Day travels to the centre of China, the city of Zhengzhou in Henan province. For centuries the city has been known as the crossroads of the country, situated on the Yellow River and where the north-south and east-west railways meet. It's an apt place perhaps to investigate China's economy at its own crossroads.

Producer: Charlotte Pritchard.

THU 21:00 BBC Inside Science (b03bfszg)

[Repeat of broadcast at 16:30 today]

THU 21:30 In Our Time (b03bfnlh)

[Repeat of broadcast at 09:00 today]

THU 21:58 Weather (b03bd8bg)

The latest weather forecast.

THU 22:00 The World Tonight (b03bfszj)

In-depth reporting and analysis from a global perspective.

THU 22:45 Book at Bedtime (b03bmnk9)

Lady Susan

Episode 4

An opportunity to hear a little known, very early Austen work, performed on the radio for the first time.

A beautiful and scheming widow, seeking a husband for both herself and her shy and awkward daughter, while engaged in an affair with a married man. Who will win the heart of the rich and handsome Reginald De Courcy? And will the truth about Lady Susan ever come out?

These are the questions a teenaged Jane Austen posed in this early epistolary novella, published long after her death - the first of her many wise and witty studies of love and marriage, and the games people play.

Read by Emilia Fox, Lucy Robinson and Theo Fraser Steele
Abridged by Eileen Horne

Producer: Clive Brill
A Pacificus Production for BBC Radio 4.

THU 23:00 Colin Hoults Carnival of Monsters (b037j6v1)
Series 1

Episode 4

Master character comedian Colin Hoults presents his much anticipated debut comedy series for BBC Radio 4. Enter the Carnival of Monsters, a bizarre and hilarious world of sketches, stories and characters, presented by the sinister Ringmaster.

Meet such monstrous yet strangely familiar oddities as: Thwor - the mighty (but Leeds-based) god of Thwunder; Len Parker - Nottingham-born martial arts and transformers enthusiast; Anna Mann - outrageous star of such forgotten silver screen hits such as 'Rogue Baker', 'Who's For Turkish Delight' and 'A Bowl For My Bottom'; and many more.

Writers Guild Award-winner Colin Hoults is best known for his highly acclaimed starring roles in 'Being Human', 'Life's Too Short', and 'Russell Howard's Good News', as well as his many hit shows at the Edinburgh Festival. He has also appeared and written for a number of Radio 4 series including 'The Headset Set' and 'Colin and Fergus' Digi-Radio'.

'Lewis Carol meets The League Of Gentlemen . A beautifully staged masterclass in character comedy' - Time Out
'Comic gold' - Metro
'Delightfully funny' - The Telegraph

Produced by Sam Bryant.

THU 23:30 Don't Log Off (b01sj1wv)
Series 3

A Tale from the Bush

Alan Dein crosses the world via Facebook & Skype, hearing the real life dramas of random strangers.
He never knows who he will be speaking to next or what secrets they will reveal.

Tonight, he hears a moving story of widowhood from 60 year old Jennie in the Australian Bush. The line is so bad that Alan decides to send her a digital recorder so that she can record herself in quality. What emerges is a bittersweet and intensely personal story but one which also touches on key events in Australia in the post-1945 era, including the Vietnam War and the catastrophic Darwin Cyclone.

She also uses the recorder to capture some of the abundant bird life in her remote and rural part of Queensland.

Producer: Laurence Grissell.

FRIDAY 27 SEPTEMBER 2013

FRI 00:00 Midnight News (b03bd8e9)

The latest national and international news from BBC Radio 4. Followed by Weather.

FRI 00:30 Book of the Week (b03bfsym)

[Repeat of broadcast at 09:45 on Thursday]

FRI 00:48 Shipping Forecast (b03bd8cc)

The latest shipping forecast.

FRI 01:00 Selection of BBC World Service Programmes (b03bd8cf)

BBC Radio 4 joins the BBC World Service.

FRI 05:20 Shipping Forecast (b03bd8ch)

The latest shipping forecast.

FRI 05:30 News Briefing (b03bd8ck)

The latest news from BBC Radio 4.

FRI 05:43 Prayer for the Day (b03bmq9w)

A spiritual comment and prayer to begin the day with Sister Jane Livesey CJ.

FRI 05:45 Farming Today (b03bg4v3)

What can farmers do about climate change? On the day the UN's Intergovernmental Panel on Climate Change publishes its latest report, Charlotte Smith looks at the role farming could play in saving the planet. According to the UN's Food and Agriculture Organisation, livestock farming makes up 14.5% of all human-caused greenhouse gas emissions. Charlotte speaks to Professor Bob Rees, head of the Carbon Management Centre at Scotland's Rural College and asks if livestock farming really is the bad guy.

The UK has a bumper crop of oats, but the glut is not good news for farmers. Since this time last year the price has fallen by around 35% from £188 per tonne to £120 per tonne - that's lower than feed wheat and barley.

And from surplus oats to super wheat! Scientists at Rothamsted Research are using a Synchrotron - a sort of mini version of the large hadron collider - to find out how wheat stores important minerals such as iron, magnesium and zinc. We humans can't digest them for ourselves so researchers are looking for ways to unlock the nutrition in the grain.

And all this week Farming Today has been quaffing, nosing and swirling a whole range of homemade beverages. Anna Hill visits Adnams brewery in Suffolk and finds out how keeping up with the times has meant a wholesale review of their partnerships with barley farmers in the region, re-investing in new brewing equipment and moving into distilling vodka and gin.

Presented by Charlotte Smith, and produced by Anna Jones.

FRI 05:58 Tweet of the Day (b038qkck)

Tawny Pipit

Tweet of the Day is a series of fascinating stories about our British birds inspired by their calls and songs.

Brett Westwood presents the tawny pipit. Tawny pipits have never bred in the UK in real life but they have in fiction. Released in 1944 the film, 'The Tawny Pipit', featured a pair found in an English village. Their rarity causes the village to rally round to protect the birds when the field in which they are nesting is marked out for ploughing. The film leaves the audience with the message that nothing can change traditional village life.

FRI 06:00 Today (b03bg4v5)

Morning news and current affairs. Including Sports Desk; Weather; Thought for the Day.

FRI 09:00 Desert Island Discs (b03bg4v7)

[Repeat of broadcast at 11:15 on Sunday]

FRI 09:45 Book of the Week (b03bg4v9)

Empress Dowager Cixi: The Concubine Who Launched Modern China

Episode 5

Jung Chang's biography of this remarkable 19th century stateswoman continues. Cixi faces her greatest challenge as ruler when anti-Western feeling in rural China leads to violence.

Read by Pik-Sen Lim
Abridged by Sara Davies
Produced by Gemma Jenkins.

FRI 10:00 Woman's Hour (b03bg4vc)

Arthur Miller's All My Sons; A Real Birmingham Family; Fiona Doyle

Arthur Miller and his roles for women - Dona Croll talks about starring in a new production of All My Sons at the Royal Exchange Theatre in Manchester. Two single mothers discuss how they and their children are the inspiration for a new statue by Gillian Wearing called 'A Real Birmingham Family'. Fiona

Doyle talks about being sexually abused by her father.
Presenter: Jenni Murray.

FRI 10:45 15 Minute Drama (b03bg4vf)

Writing the Century: Takes Two to Tandem

Episode 5

Writing the Century
Takes Two to Tandem
by Lavinia Murray

The series which explores the 20th century through the diaries and correspondence of real people, returns with Takes Two to Tandem by Lavinia Murray. A touching, lively, humorous drama inspired by the 1930s diaries of Frank Ayliffe.

Frank is a doer and a trier, a wonderfully complex, gregarious, self-confounding, honest and loving man, always aware of his shortcomings and keen to better himself intellectually and materially. Takes Two to Tandem is a rich glimpse into how aspirational, impoverished and socially mobile the interwar years were.

Frank: 'It seems to me that the best thing to do is to be aware of the angle that the world is, for each one of us, a personal world. We can create our own ideas of freedom and set standards of behaviour which will enable us to maintain an attitude of being unattached to the petty things that are the beginning of bondage in bigger things.'

New Year's Eve. Frank and Doris are saying farewell to 1938, facing what looks like - on a global scale - a rather troubling future. Nothing is certain.

Produced and Directed by Sharon Sephton.

FRI 11:00 Ashes to Ashes (b03bg4vh)

Are Ash trees coping with the spread of Ash dieback in Britain? A year on from the discovery of the fungus Adam Hart investigates how quickly it has spread across the country. Scientists are now sequencing the genomes of Ash and Chalara fraxinea - the fungus that is causing Ash dieback - in an effort to find why some trees are not dying from the disease. He also learns of another threat to our Ash trees - the emerald ash borer - which is currently found west of Moscow and is heading towards us. He discovers this pest has already infested Ash in North America and has left a trail of destruction behind it.

The producer is Ania Lichtarowicz.

FRI 11:30 Start/Stop (b03bg4vk)

Series 1

Barbecue

Three couples sail off into the sunset. And sink.

Jack Docherty's sitcom about love, marriage and despair.

Starring Jack Docherty, Charlie Higson, Katherine Parkinson, John Thomson, Fiona Allen and Kerry Godliman.

With their marriages in various states of disrepair - a Barbecue proves painful for everyone.

Barney Jack Docherty
Cathy Kerry Godliman
Fiona Fiona Allen
David Charlie Higson
Evan John Thomson
Alice Katherine Parkinson

Producer Steven Canny

First broadcast on BBC Radio 4 in September 2013.

FRI 12:00 You and Yours (b03bg4vm)

You've probably heard of the 'hard sell', maybe the 'soft sell' but what about the 'brain sell'? We'll find out the latest ways big brands are using to get us to spend more.

Around 26 million bags are lost by airlines each year. So if your luggage gets lost or damaged in transit, do you know who to complain to?

Between 2008 and 2013 the eating out market has grown by an estimated 8%. That's despite the recession. So as we continue to spend on treating ourselves to meals out, what establishments are doing to entice us.

The consequences for taking out of date medicine can be serious, which is why a couple of designers have come up with some new packaging, called 'Self Expiring'. The packaging gradually reveals a symbol over time, making it clear when the

pills are no longer fit for use.

Almond, oat and rice milk are packing the shelves at the supermarket. But we associate milk with calcium and healthy bones - so are these new pints on the block any good for us?

And do you know what a haloodie is? We go to the Halal Food Festival to find out.

FRI 12:57 Weather (b03bd8cm)
The latest weather forecast.

FRI 13:00 World at One (b03bg4vp)
National and international news. Listeners can share their views via email: wato@bbc.co.uk or on twitter: #wato.

FRI 13:45 Our Dreams: Our Selves (b03bg4vr)
Science and Psychoanalysis: the Recurring Dream of Sigmund Freud

Lucy Powell explores the history of dreams and what we think they mean, a hundred years after Sigmund Freud's great work 'The Interpretation of Dreams' appeared in English. She traces the shadowy, circuitous and often surprising history of dreams, from the oldest works of western literature to the very forefront of neuroscience, and finds out where dreams have taken us in the past, and where they might transport us next.

It's hard to imagine now just how radical 'The Interpretation of Dreams' was a century ago. For his contemporaries, dreams were just froth - 'trauma sind schäume'. But Freud accorded them meaning. The men and women who once lay on his couch came to Freud with disturbing symptoms that mainstream medical science couldn't cure. He decided to look, not at their bodies for the source of their malaise, but at their minds. In particular, he delved into the darkest reaches of their dreams. Freud's extraordinary claim was that dreams are 'the royal road to the unconscious'.

Lucy explores Freud's greatest work, and talks to Mark Solms, a neuroscientist at the cutting edge of research into dreams. She asks if Freud was right.

Producer: Jane Greenwood.
A Loftus production for BBC Radio 4.

FRI 14:00 The Archers (b03bfszl)
[Repeat of broadcast at 19:00 on Thursday]

FRI 14:15 Brief Lives (b03bg4vt)
Series 6

Episode 6

Brief Lives by Tom Fry and Sharon Kelly

Frank and Sarah have been called into Manchester Central for questioning. The start of a Kafkaesque journey for Frank and Sarah. The last episode of the current series.

Director/Producer Gary Brown
Original music by Carl Harms.

FRI 15:00 Gardeners' Question Time (b03bg4vw)
North East London

Chaired by Eric Robson, the Gardeners' Question Time team is in North East London with Matt Biggs, Anne Swithinbank and Bob Flowerdew tackling questions from local gardeners.

Produced by Howard Shannon
A Somethin' Else production for BBC Radio 4

This week's questions:

Q. What mixture of flowers, fruit and vegetables would the panel recommend for a slab patio of the dimensions 17ft x 11ft (5m x 3.5m).

A. Use large containers with good potting compost and almost anything can be grown. Raised beds are also suggested. Fruit plants are relatively low labour-intensity and virtually all modern varieties of fruit will be happy growing in a container. Herbaceous perennials, such as Sedum, Rudbeckia and grasses, are recommended for autumn colour. Also suggested are a selection of herbs such as Bay and Rosemary.

Q. What is the lifespan of red- and blackcurrant bushes? Should bushes that are no longer fruiting be cut right back or dug up and thrown away?!

A. For blackcurrants, it is recommended to start again - a new, virus-free clone of a new variety can be bought very cheaply,

plus cuttings can be taken easily. Redcurrants, however, can usually be cut back and grow a new top.

Q. A five-year-old Chilean Pine or Monkey Puzzle tree, grown from seed, is now around 3ft (1m) tall. How deeply rooted will it be, can it be transplanted and when would be the best time to do it?

A. It is still small enough to be moved, so it can be transplanted into a large pot or a very spacious garden.

Q. What would the panel recommend as a hedge that one could graze?

A. Chaenomeles, the Japonica quince, is fairly unruly but can be trained. Fuchsia is discussed, but this does not grown well enough in the majority of the UK to make it a suitable hedge plant and the hedge varieties usually do not have very large berries. Sloes, or Blackthorn, would make a good hedge and be good for gin! Rose hip is also suggested, as it would be good for making syrup. Espaliers of pear or apple could be planted, or for a thicker hedge a mixture containing Myrobalan Plum is recommended. Finally, Worcesterberry and Elderflower are also suggested.

Q. What can be grown in the shade under mature Oak and Ash trees?

A. 'Gold Leaf' Himalayan Honeysuckle is recommended, as are Geranium Phaeum, Lamium Orvala, White Foxgloves, Honesty and ferns such as Polystichum Setiferum. Sarcococcos, the winter Boxes, are also suggested along with Symphytum Orientale, or White Comfrey. Creeping Dead Nettle variety 'White Nancy' and Pulmonaria 'Blue Ensign' will also do well in dry shade. Iris Foetidissima produces orange fruits in the winter, though there is also a white-fruited form 'Fructo Albo'.

Q. Is there an ecologically responsible way to deal with Earwigs?

A. Earwigs themselves eat an awful lot of other pests, so although they can damage your plants, they are helpful on the whole. The damage seen is probably a result of a collection of slugs, snails and woodlice. Place upturned pots filled with newspaper onto canes near the plants that are being targeted - the pests in questions will use these for shelter during the day, which will allow you to find out what you're dealing with!

Q. Can a red Acer change to green if it doesn't get enough sunlight?

A. These grow naturally in dappled shade, but even in quite severe shade this should not affect the colouring. It may be that the rootstock has grown up and taken over - most red Acers are grafted onto a rootstock to provide its growth characteristics. Acers can be quite variable, so check a description for that specific variety, as it may be that the change in colour is to be expected for that specific variety.

Q. Can the native trees from a community forest be transferred into an urban garden?

A. This depends upon the tree and its ultimate size. Sorbus Aucuparia would work, as would Acer Campestre, Hazels and Ash. Most forest trees are not really suited to the average garden, however, so apple, pear, apricot and peach trees are recommended.

FRI 15:38 BBC National Short Story Award (b03bg4vy)
BBC National Short Story Award 2013

We Are Watching Something Terrible Happening

Claire Skinner reads the fifth story in contention for this prestigious award. Love and science collide in this haunting story about the chaos of a disintegrating relationship, a civil war and the trajectory of meteorites.

Written by Lavinia Greenlaw
Produced by Elizabeth Allard.

FRI 16:00 Last Word (b03bg4w0)

A Ghanaian poet, an addiction counsellor, a beat writers' muse and a special branch officer

Matthew Bannister on

Kofi Awoonor, the Ghanaian poet, diplomat and academic who was killed in the Nairobi shopping mall attack.

Peter Kay, the addiction counsellor who drew on his own struggle with drink and drugs to help leading footballers kick their habits. One of them - Clarke Carlisle - pays tribute.

Carolyn Cassady, the wife of the beat poet Neal Cassady who had an affair with Jack Kerouac and was portrayed as Camille in On The Road

And war hero turned Special Branch officer Ferguson Smith, who helped to catch the Portland spy ring and George Blake.

FRI 16:30 More or Less (b03bg4w2)

Are patients 45% more likely to die in NHS hospitals than US ones?

Health service patients are 45% more likely to die in hospital than in the US, the news headlines read. The media were reporting the work of Professor Sir Brian Jarman from the Doctor Foster Intelligence Unit. But the claim has attracted criticism. Tim Harford looks into the story.

"We just shut our eyes to the fact that the world's population is increasing out of control... and we owe it to future generations to face up to this." Is Sir David Attenborough right about global population projections?

Scotland is home to 20% of the world's redheads, the BBC has reported. Hannah Barnes looks at whether the numbers add up.

Tim Harford tells the story of the Hawthorne Experiments, one of the most famous studies in industrial history - and one of the most misunderstood.

Presenter: Tim Harford
Producer: Ruth Alexander.

FRI 17:00 PM (b03bg4w4)

Coverage and analysis of the day's news. Including Weather at 5.57pm.

FRI 18:00 Six O'Clock News (b03bd8cp)

The latest national and international news from BBC Radio 4.

FRI 18:30 The Now Show (b03bg4w6)

Series 41

Episode 1

Steve Punt and Susan Calman present a comedic look at the week's news, providing a topical mix of stand-up, sketches and songs that tell you everything you need to know. With Jon Holmes, Laura Shavin, and Jonny & the Baptists.

Produced by Alexandra Smith.

FRI 19:00 The Archers (b03bg4w8)

Rosa thinks Kathy should sue Martyn Gibson, given the circumstances in which she left the Golf Club. Jamie agrees. He mentions to Rosa he saw Darrell with a black eye. She's shocked, but says she's done with worrying about her dad. But she continues to probe, and it's clear she actually cares very much indeed.

Ed tends to Joe, who's fretting about Bartleby. Ed offers to check on Bartleby. He'll take George along. Joe brightens at this.

When Ed and George return later, they coax reluctant Joe outside with the announcement of a 'surprise visitor'. Bartleby's on the front path! Joe's delighted at how well the pony looks. George assures him Bartleby's going to be fine.

Caroline is worried that recent cancellations are the beginning of a trend. The article in the Echo and a vitriolic online review may spell disaster. Oliver points out they haven't had much impact so far. But Caroline hardly touches her lunch. She can understand why Eddie went to the press, and just hopes the insurers get a move on so things can be settled.

But the news later is that the local authority wants to do a fuller investigation. Caroline can't bear all this uncertainty.

FRI 19:15 Front Row (b03bg4wd)

Austenland, Stephen Poliakoff, Hannah Kent, Elmgreen and Draget

With Kirsty Lang.

The romantic comedy Austenland, based on a novel of the same name, centres on a single 30-something American woman who travels to Britain to visit a resort where the Jane Austen era is recreated, hoping to find her very own Colin Firth version of Mr Darcy. Critic Viv Groskop - who was born a stone's throw away from Chawton, where Austen wrote Pride and Prejudice - reviews.

Stephen Poliakoff, writer of Caught On A Train and Shooting The Past, reflects on his controversial debut TV drama Hitting Town, which was made in 1975 and is released on DVD for the first time. Written when he was 23, the TV play made headlines when Mary Whitehouse campaigned for it to be banned,

appalled by its storyline about a brother and sister who embark on an incestuous affair. Poliakov reveals his own sister's reaction to Hitting Town and his other incest drama Close My Eyes.

Australian author Hannah Kent's debut novel *Burial Rites* tells the story of the last woman executed in Iceland. Set in the winter of 1829 and including real court documents, the book combines Nordic noir with cold case fiction. Kent describes how she first heard about the story when visiting Iceland as a teenager and what drew her to write about the case a decade later.

Artists Elmgreen and Dragset have turned five former textile galleries at the Victoria and Albert Museum into an apartment belonging to a fictional retired architect, using objects from the museum's collection alongside items from antique markets. Kirsty and architecture critic Hugh Pearman visited the apartment to see if they could decode its secrets.

Producer Jerome Weatherald.

FRI 19:45 15 Minute Drama (b03bg4vf)
[Repeat of broadcast at 10:45 today]

FRI 20:00 Any Questions? (b03bg4wg)
Ken Clarke, Lord Falconer, Caroline Lucas, Neil Hamilton

Jonathan Dimbleby presents political debate and discussion from Nottingham with Ken Clarke MP who's minister without portfolio in the cabinet office, the UKIP's Campaign Director for the 2014 Euro elections Neil Hamilton, the Labour peer Lord Falconer and the Green MP Caroline Lucas.

FRI 20:50 A Point of View (b03bg4wj)
The Horror of Love

Stephen King says "Love creates horror." AL Kennedy agrees. "As someone who often says 'I think' and almost never says 'I feel', I don't personally welcome love's ability to make me fear not only for myself, but others," she writes.

But love makes us altruistic, humane. "We would find it bizarre if a parent was more worried about dropping a vase than dropping their baby - even a Ming vase and an ugly baby. An absence of love within a family or a relationship is taken as a sign of something having gone very wrong," she says.

"But an absence of love in the world we help construct around us, that's regarded as a form of common sense. We are used to making decisions - or having them made for us - which would save the vase and not the baby."

Producer: Sheila Cook.

FRI 21:00 Saturday Drama (b01rft43)
Hombre

By Elmore Leonard
Adapted by Robert Ferguson

As a tribute to Elmore Leonard, who died last month, a repeat of an adaptation of his classic Western novel.

John Russell has been raised as an Apache. Now he's on his way to live as a white man. But when the stagecoach passengers learn who he is, they want nothing to do with him. That is, until outlaws ride down on them and they must rely on Russell to lead them out of the desert.

Director: Sasha Yevtushenko

Sound Design: Colin Guthrie
Production Co-Ordinator: Selina Ream
Studio Managers: Martha Littlehailes, Graham Harper, Michael Etherden.

FRI 21:58 Weather (b03bd8cr)
The latest weather forecast.

FRI 22:00 The World Tonight (b03bg4wn)
In-depth reporting and analysis from a global perspective.

FRI 22:45 Book at Bedtime (b03bmpqm)
Lady Susan

Episode 5

A little known, very early Jane Austen work, performed on the radio for the first time.

A beautiful and scheming widow seeks a husband for both

herself and her shy and awkward daughter, while engaged in an affair with a married man.

Who will win the heart of the rich and handsome Reginald De Courcy? And will the truth about Lady Susan ever come out? These are the questions a teenaged Jane Austen posed in this early epistolary novella, published long after her death - the first of her many wise and witty studies of love and marriage, and the games people play.

Read by Emilia Fox, Lucy Robinson and Theo Fraser Steele
Abridged by Eileen Horne
Producer: Clive Brill

A Pacificus production for BBC Radio 4.

FRI 23:00 Great Lives (b03bdsnt)
[Repeat of broadcast at 16:30 on Tuesday]

FRI 23:30 Don't Log Off (b01sm7qp)
Series 3

The Power of Belief

Alan Dein crosses the world via Facebook and Skype, hearing the real life dramas of random strangers.

Tonight, stories about the power of belief. Alan hears the epic story of a Peruvian man who believes that a Canadian visa will persuade his Belarusian ex-wife to come back to him, an American woman tells of her relationship with a Muslim which raised eyebrows in the Midwest and a Canadian man talks about speaking to the spirit of his late father.

Producer: Laurence Grissell.