

SATURDAY 01 SEPTEMBER 2012

SAT 19:00 Natural World (b00q9y41)
2009-2010

The Secret Leopards

Jonathan Scott narrates the extraordinary story of the leopard, investigating what it is about the natural history of these cats that makes them born survivors.

SAT 20:00 She-Wolves: England's Early Queens (b01dc66v)
Isabella and Margaret

In the medieval and Tudor world there was no question in people's minds about the order of God's creation - men ruled and women didn't. A king was a warrior who literally fought to win power then battled to keep it. Yet despite everything that stood in their way, a handful of extraordinary women did attempt to rule medieval and Tudor England. In this series, historian Dr Helen Castor explores seven queens who challenged male power, the fierce reactions they provoked and whether the term 'she wolves' was deserved.

In 1308 a 12-year-old girl, Isabella of France, became queen of England when she married the English king. A century later another young French girl, Margaret of Anjou, followed in her footsteps. Both these women were thrust into a violent and dysfunctional England and both felt driven to take control of the kingdom themselves. Isabella would be accused of murder and Margaret of destructive ambition - it was Margaret who Shakespeare named the She Wolf. But as Helen reveals, their self-assertion that would have seemed natural in a man was deemed unnatural, even monstrous in a woman.

SAT 21:00 Inspector Montalbano (b01ml8cd)
Equal Time

When a man is found murdered with a sawn-off shotgun, Vigata police are called upon to extinguish what appears to be the beginnings of a new Mafia war. But Montalbano has his doubts on the exact nature of this particular murder. When he is taken off the case and assigned to investigate the disappearance of a young Ukrainian woman, he gradually uncovers a series of links between the two cases.

In Italian with English subtitles.

SAT 22:40 Horizon (b00817r1)
Everest: Doctors in the Death Zone

Part 2

The extraordinary expedition of climbing doctors reaches a tense conclusion as Horizon follows Dr Mike Grocott and his team as they attempt to reach the summit of Everest and measure the amount of oxygen in their blood.

The doctors findings could rewrite our understanding of the human body and help save the lives of critically ill patients in intensive care. Their greatest goal is to discover a genetic link that allows some to survive low oxygen when others die. But to do this they must go to the extreme.

Standing 8850m in the sky, Everest is in the 'death zone' and by climbing into this hostile environment they will be putting their own lives on the line.

SAT 23:40 Peter and Dan Snow: 20th Century Battlefields (b007qjfb)
20th Century Battlefields

1942 Stalingrad

Peter and Dan Snow describe battles that transformed the 20th century, here telling the story of one of the most epic battles of World War II. With cutting-edge graphics, Peter describes how the tactics of Hitler and Stalin resulted in tragedy on both sides. Whilst Soviet citizens held on for life in the shattered city, Hitler's army froze to death in the countryside.

Their film inside the infamous tractor factory, where Dan recounts one of the vicious clashes that flared up in the battle. And on a training exercise, experts from the British Army teach them how snipers would have operated around the city.

SAT 00:40 Top of the Pops (b01mfhr1)
28/07/77

Noel Edmonds looks at the weekly pop chart from 1977 and introduces Steve Gibbons Band, Showaddywaddy, Dana, Thin Lizzy, Bob Marley and the Wailers, Boney M, Emerson Lake & Palmer, Rita Coolidge and a Legs & Co dance sequence.

SAT 01:10 She-Wolves: England's Early Queens (b01dc66v)
[Repeat of broadcast at 20:00 today]

SAT 02:10 Natural World (b00q9y41)
[Repeat of broadcast at 19:00 today]

SUNDAY 02 SEPTEMBER 2012

SUN 19:00 Himalaya with Michael Palin (b0074qsf)
Bhutan to Bay of Bengal

In Bhutan, Palin finds himself back in the land of yaks for a last look at the high Himalaya. Trekking to Chomolhari base camp he meets a nomad with a penchant for yak songs before heading down to Paro to witness the Buddhist festival or Tsechu. In a bar in Thimphu, he discusses reincarnation and the pursuit of happiness with Benji and Khendum, two of the king's cousins, and en route to Bangladesh is taken by Benji to see the rare black-neck cranes.

On his journey south through Bangladesh, Michael visits the ship-breaking beaches of Chittagong and grid-locked Dhaka. He meets a man who made a fortune in Birmingham in the poultry business, and a woman who lends money only to women. On a 1920s paddle steamer he is serenaded with the words of Bengal's Shakespeare, and he completes his epic Himalayan journey aboard a fishing boat that carries him out into the Bay of Bengal and a westering sun.

SUN 20:00 The Thirties in Colour (b00cp456)
Wright Around the World

Four-part series using rare, private and commercial film and photographic archives to give poignant and surprising insights into the 1930s, a decade which erupted into colour as polychromatic photographic technology came of age and three important processes - Dufaycolour, Technicolor and Kodachrome - were brought to the market.

Together with his younger brother Bolling, the American industrialist Harry Wright was wealthy enough to indulge his twin passions for travel and filmmaking. Both siblings collected and shot films that captured the world at a pivotal time in history.

They captured astonishing images acquired and filmed in the islands of the South Pacific, Papua New Guinea and Indonesia, as well as South Africa, Morocco, Palestine, and several countries in Europe, including Britain. These destinations were visited during the golden age of ocean travel, when the well-off could escape the Great Depression and travel the world on luxury cruise ships.

The sea had become a playground but it would soon become a battleground, as the world lurched towards the bloodiest war in history.

SUN 21:00 Creation (b012rfpt)

In anguish about the religious turmoil it could cause and the tension it creates with his wife, Charles Darwin is delaying completion of his masterwork On the Origin of Species. Taking pleasure in his children's interest in scientific truth, he is mindful of the disapproval of the village and does not want to incur the wrath of the whole world. But as his health, and that of his beloved daughter Anne, deteriorates, he finally realises he must press on, despite his wife's misgivings.

SUN 22:40 Darwin's Struggle: The Evolution of the Origin of Species (b00hd1mr)

Documentary telling the little-known story of how Darwin came to write his great masterpiece On the Origin of Species, a book which explains the wonderful variety of the natural world as emerging out of death and the struggle of life.

In the 20 years he took to develop a brilliant idea into a revolutionary book, Darwin went through a personal struggle every bit as turbulent as that of the natural world he observed. Fortunately, he left us an extraordinary record of his brilliant insights, observations of nature, and touching expressions of love and affection for those around him. He also wrote frank accounts of family tragedies, physical illnesses and moments of self-doubt, as he laboured towards publication of the book that would change the way we see the world.

The story is told with the benefit of Darwin's secret notes and correspondence, enhanced by natural history filming, powerful imagery from the time and contributions from leading contemporary biographers and scientists.

SUN 23:40 Paul Simon - Live from Webster Hall, New York (b01b35ks)

In June 2011, Paul Simon ended his So Beautiful or So What

tour of small clubs and theatres in the United States by playing Webster Hall, a historic 1,400-person club in New York.

The set list was drawn from his legendary career and includes several songs that have not been performed live in many years. Kodachrome, Mother and Child Reunion, Gone at Last and The Obvious Child are just some of the highlights, along with songs from Simon's latest album So Beautiful or So What including Dazzling Blue, Rewrite, The Afterlife and the album's propulsive title track.

Joining Simon on stage are Vincent Nguini (guitar), Jim Obron (guitar, drums), Mick Rossi (piano), Andrew Snitzer (saxophone, keyboard), Bakithi Kumalo (bass), Mark Stewart (guitar), Jamey Hadad (percussion) and Tony Cedras (multi-instrumentalist).

SUN 00:40 imagine... (b01kn74)
Summer 2012

Paul Simon's Graceland - Under African Skies

Paul Simon's Graceland album is one of his greatest achievements - a brilliant fusion of African rhythms and western pop which became a global phenomenon. It also proved hugely controversial, as Simon broke the UN-backed cultural boycott of a country still under the grip of apartheid.

Joe Berlinger's film captures Simon's return to South Africa 25 years on and contrasts the value of individual artistic expression versus collective political action as instruments of change. Did Paul Simon's unique collaboration with South Africa's township musicians set back the clock of South African liberation or drive it forward?

SUN 02:10 Himalaya with Michael Palin (b0074qsf)
[Repeat of broadcast at 19:00 today]

MONDAY 03 SEPTEMBER 2012

MON 19:00 World News Today (b01mhmsz)

The latest national and international news, exploring the day's events from a global perspective.

MON 19:30 How It Works (b01fk5n)
Metal

Professor Mark Miodownik travels to Israel to trace the history of our love affair with gleaming, lustrous metal. He learns how we first extracted glinting copper from dull rock and used it to shape our world and reveals how our eternal quest for lighter, stronger metals led us to forge hard, sharp steel from malleable iron and to create complex alloys in order to conquer the skies.

He investigates metals at the atomic level to reveal mysterious properties such as why they get stronger when they are hit, and he discovers how metal crystals can be grown to survive inside one of our most extreme environments - the jet engine.

MON 20:30 Only Connect (b01mhm1)
Series 6

TEFL Teachers v IT Specialists

Quiz show presented by Victoria Coren in which knowledge will only take you so far, as patience and lateral thinking are also vital.

Three teachers square up to a team of IT specialists as they compete to draw together the connections between things which, at first glance, seem utterly random, from Desert Attack to MI-5 to Clue to Murder in the Calais Coach.

MON 21:00 Treasures of Ancient Rome (p00wvpr)
Warts 'n' All

Alastair Sooke traces how the Romans during the Republic went from being art thieves and copycats to pioneering a new artistic style - warts 'n' all realism. Roman portraits reveal what the great names from history, men like Julius Caesar and Cicero, actually looked like. Modern-day artists demonstrate the ingenious techniques used to create these true to life masterpieces in marble, bronze and paint.

We can step back into the Roman world thanks to their invention of the documentary-style marble relief and to a volcano called Vesuvius. Sooke explores the remarkable artistic legacy of Pompeii before showing how Rome's first emperor, Augustus, used the power of art to help forge an empire.

MON 22:00 If Walls Could Talk: The History of the Home

(b010jslz)

The Bathroom

Lucy Worsley, chief curator of the historic royal palaces, focuses on the bathroom - a room that didn't even exist in many British homes until 50 years ago. From the medieval bath houses to London Bridge's communal loos to finding out how piped water got to our homes and finally getting to the bottom of the Crapper myth at Stoke's Toilet Museum, Lucy tracks how our attitude to washing has changed over the centuries and the development of what we think of now as the most essential room in the house.

MON 23:00 The Shock of the New (b0074qfm)

The Powers That Be

Robert Hughes examines the relationship between art and authority by looking at Dadaism and the art of political movements such as fascism and Soviet communism. Featuring works by Marcel Duchamp, Max Ernst, Otto Dix and George Grosz.

MON 00:00 How It Works (b01fkc5n)

[Repeat of broadcast at 19:30 today]

MON 01:00 Only Connect (b01mhmt1)

[Repeat of broadcast at 20:30 today]

MON 01:30 Bomb Squad Men: The Long Walk (b01fenh7)

Three former bomb disposal officers who served at the height of the Northern Ireland conflict, return for the first time in 30 years to revisit the defining moments of their careers, and the moments when they almost lost their lives.

MON 02:30 Treasures of Ancient Rome (p00wvpr)

[Repeat of broadcast at 21:00 today]

TUESDAY 04 SEPTEMBER 2012**TUE 19:00 World News Today (b01mhkn5)**

The latest national and international news, exploring the day's events from a global perspective.

TUE 19:30 Great British Railway Journeys (b00xxr4n)

Series 2

Batley to Sheffield

Michael Portillo takes to the tracks with a copy of George Bradshaw's Victorian Railway Guidebook. He travels the length and breadth of the country to see how the railways changed us, and what of Bradshaw's Britain remains, as his journey follows some of the earliest railways in the country from Newcastle to Melton Mowbray.

Michael finds out about shoddy, a successful 19th-century recycling industry in the textile town of Batley, discovers how the railways boosted Yorkshire's forced rhubarb trade and meets the great-great-granddaughter of George Bradshaw himself.

TUE 20:00 The Last Explorers (b018c57k)

Thomas Blake Glover

Neil Oliver travels to Japan to uncover the extraordinary story of Thomas Blake Glover. Blending adventure with commerce, Glover was a rogue trader who helped rebel samurai clans overthrow the shogun and lay the foundations for one of the most aggressive and powerful economies in the world.

TUE 21:00 The Man who Discovered Egypt (b01f13f4)

Documentary about English Egyptologist Flinders Petrie, the pioneer of systematic methodology in archaeology. Ancient Egypt was vandalised by tomb raiders and treasure hunters until this Victorian adventurer took them on. Most people have never heard of him, but this maverick undertook a scientific survey of the pyramids, discovered the oldest portraits in the world, unearthed Egypt's prehistoric roots - and in the process invented modern field archaeology, giving meaning to a whole civilisation.

TUE 22:00 Jet! When Britain Ruled the Skies (b01m9vj1)

The Shape of Things to Come

In the heady years following World War II, Britain was a nation in love with aviation. Having developed the jet engine in wartime, British engineers were now harnessing its power to

propel the world's first passenger jets. By 1960 the UK's passenger airline industry was the largest in the world, with routes stretching to the furthest-flung remnants of Empire.

And the aircraft carrying these New Elizabethans around the globe were also British - the Vickers Viscount, the Bristol Britannia and the world's first pure jet-liner, the sleek, silver De Havilland Comet, which could fly twice as high and twice as fast as its American competitors. It seemed the entire nation was reaching for the skies to create the shape of things to come for air travel worldwide. But would their reach exceed their grasp?

TUE 23:00 Madness on Wheels: Rallying's Craziest Years (b01fncce)

In the 1980s rallying was more popular than Formula 1. 'Group B' machines had taken the world by storm. Deregulation opened the way for the most exciting cars ever to hit the motorsport scene. Nothing like it has ever happened since. 'This is the fastest rallying there has ever been' - Peter Foubister.

For four wild and crazy years manufacturers scrambled to build ever more powerful cars to be driven by fearless mavericks who could handle the extreme power. The sport was heading out of control and the unregulated mayhem ended abruptly in 1986 after a series of horrific tragedies. This is the story of when fans, ambition, politics and cars collided.

'The fans were crazy. As the cars sped by the spectators ran into the road!' - Ari Vatanen. 'They were playing with their lives'.

'To go rallying is madness. This was refined madness' - John Davenport

Featuring world champions Ari Vatanen, Walter Rohrl, Stig Blomqvist, plus Michel Mouton, Cesar Fiorio, Jean Todt and many many more.

From the producer of Grand Prix: The Killer Years and the Grierson-nominated Deadliest Crash: The 1955 Le Mans Disaster.

TUE 00:00 Inspector Montalbano (b01ml8cd)

[Repeat of broadcast at 21:00 on Saturday]

TUE 01:40 Great British Railway Journeys (b00xxr4n)

[Repeat of broadcast at 19:30 today]

TUE 02:10 The Last Explorers (b018c57k)

[Repeat of broadcast at 20:00 today]

WEDNESDAY 05 SEPTEMBER 2012**WED 19:00 World News Today (b01mhkn5)**

The latest national and international news, exploring the day's events from a global perspective.

WED 19:30 The Sky at Night (b08slgh0)

Curiosity at Mars

The NASA rover, Curiosity, the size of a small car and nuclear-powered, landed on Mars in August and takes its first view of the red planet. This ambitious mission hopes to find the building blocks of life as well as study the Martian climate and geology. Sir Patrick Moore discusses what Curiosity will be doing, as well as what to see in the September night sky.

WED 20:00 Peter and Dan Snow: 20th Century Battlefields (b007r667)

20th Century Battlefields

1951 Korea

Peter and Dan Snow, through sophisticated graphics, bring to life the forgotten war of the 20th century - the battle for Korea. The Snows journey to the border between North and South Korea which is a military frontline to this day - there is still no peace treaty more than 50 years after war broke out between the Communist north and Nationalist south.

Peter and Dan tell the story of two key moments in the years of fighting that embroiled soldiers from countries around the world. Peter finds out about the challenges faced by the Americans as they set out on one of the largest amphibious attacks in history, the Inchon landings. On the banks of the Imjin river, Dan recounts how, in 1951, a few hundred British soldiers managed to stem the tide against thousands of attacking Chinese.

WED 21:00 Storyville (b01ml8gh)

The \$750 Million Thief

Storyville: just days before Bernard Madoff captured headlines as the largest Ponzi scammer in US history, Marc Dreier, a prominent Manhattan attorney, was arrested for orchestrating a massive fraud that netted over \$750 million. For six years, Dreier funded an increasingly extravagant lifestyle of yachts, artwork, houses and celebrity events sponsored by his law firm by living a lie. But his white collar crime spree could not outrun the credit crunch and, after a few headline grabbing acts of desperation, Dreier was arrested in December 2008.

Director Marc H Simon filmed his former employer and mentor during Dreier's 60-day wait under house arrest for sentencing. This documentary is an insightful, first person account of Dreier's struggle to comprehend his criminal demise and reflects the wider culture of greed that permeates today's corporate landscape.

WED 22:20 Natural World (b00q9y41)

[Repeat of broadcast at 19:00 on Saturday]

WED 23:20 I Love Special Olympics (b01j0wnd)

As London 2012 gets under way, the Paralympic games are moving centre stage. But almost unknown to the millions who will watch the 2012 Olympics there is a third Olympic movement. The Special Olympics is for people with learning difficulties, and for the athletes, just taking part is a major achievement. This film follows a dancer with Down's syndrome, a judo fighter with autism, a bowler who has brain damage and a basketball player with Asperger's syndrome. As they prepare for the games, held in Leicester in 2009, they overcome their difficulties to compete on a world stage.

WED 00:20 The Sky at Night (b08slgh0)

[Repeat of broadcast at 19:30 today]

WED 00:50 Peter and Dan Snow: 20th Century Battlefields (b007r667)

[Repeat of broadcast at 20:00 today]

WED 01:50 Storyville (b01ml8gh)

[Repeat of broadcast at 21:00 today]

THURSDAY 06 SEPTEMBER 2012**THU 19:00 World News Today (b01mhkn5)**

The latest national and international news, exploring the day's events from a global perspective.

THU 19:30 BBC Proms (b01mhp46)

2012

Bernstein's Mass

A large musical ensemble from across Wales come to the Royal Albert Hall to give the first complete Proms performance of Leonard Bernstein's Mass, a work that combines religious observance and musical theatre. Kristjan Järvi conducts the National Orchestra of Wales, the National Youth Orchestra of Wales and eight choirs of talented children and adult singers, with choruses of street kids and a rock group thrown into the mix. Introduced by Petroc Trelawny.

THU 21:25 The Toilet: An Unspoken History (b01kxyhd)

We each spend three years of our lives on the toilet, but how happy are we talking about this essential part of our lives? This film challenges that mindset by uncovering its role in our culture and exploring the social history of the toilet in Britain and abroad - as well as exploring many of our cultural toilet taboos.

Starting in Merida, Spain, with some of the earliest surviving Roman toilets, we journey around the world - from the UK to China, Japan and Bangladesh - visiting toilets, ranging from the historically significant to the beautiful, from the functional and sometimes not-so-functional to the downright bizarre.

Leading our journey is Everyman figure, Welsh poet and presenter Ifor ap Glyn, who has a passionate interest in the toilet, its history and how it has evolved over the centuries, right up to the development of the current design. Finally, there's a glimpse of the future and a possible solution to the global sanitation issues we now face.

THU 22:25 Treasures of Ancient Rome (p00wvpr)

[Repeat of broadcast at 21:00 on Monday]

THU 23:25 Only Connect (b01mhmt1)
[Repeat of broadcast at 20:30 on Monday]

THU 23:55 Darwin's Struggle: The Evolution of the Origin of Species (b00hd1mr)
[Repeat of broadcast at 22:40 on Sunday]

THU 00:55 Creation (b012rfpt)
[Repeat of broadcast at 21:00 on Sunday]

THU 02:35 The Toilet: An Unspoken History (b01kxyhd)
[Repeat of broadcast at 21:25 today]

FRIDAY 07 SEPTEMBER 2012

FRI 19:00 World News Today (b01mhknn)
The latest national and international news, exploring the day's events from a global perspective.

FRI 19:30 Meeting Bryn Terfel (b01mhqn3)
The bass-baritone Bryn Terfel is one of the top opera singers in the world. Matthew Stadlen wanted to get a sense of his musical life and what makes him tick, so he went to meet him and watch him perform at the Royal Festival Hall on the final day of the Bryn Fest - a festival in his name.

FRI 20:00 BBC Proms (b01mhqn8)
2012

Haitink Conducts the Vienna Philharmonic

One of the great orchestras of the world returns to the Proms - the Vienna Philharmonic, conducted by the legendary Bernard Haitink. Steeped in the history of the European orchestral tradition, they present a concert from two giants of Western classical music. It opens with Joseph Haydn's 104th and final symphony, written while he was staying in London and at the height of his powers, and is followed by music from Richard Strauss, who in his Alpine Symphony portrays a day spent climbing a mountain, from the foreboding of night to the glorious vision from the summit. Introduced by Petroc Trelawny.

FRI 21:55 Here Comes the Summer: The Undertones Story (b01mhqnr)

In 1978 The Undertones released Teenage Kicks, one of the most perfect and enduring pop records of all time - an adolescent anthem that spoke to teenagers all over the globe. It was the first in a string of hits that created a timeless soundtrack to growing up, making the Undertones one of punk rock's most prolific and popular bands.

Unlike the anarchic ragings of The Sex Pistols or the overt politics of The Clash, The Undertones sang of mummy's boys, girls - or the lack of them - and their irritating cousin Kevin. But their gems of pop music were revolutionary nonetheless - startlingly positive protest songs that demanded a life more ordinary. Because The Undertones came from Derry, epicentre of the violent troubles that tore Northern Ireland apart during the 1970s.

Featuring interviews with band members, their friends, family, colleagues and contemporaries, alongside archive and music, this documentary is the remarkable, funny and moving story of one of Britain's favourite bands - the most improbable pop stars who emerged from one of the darkest, most violent places on the planet.

FRI 22:55 Punk at the BBC (b01klnhx)

An archive celebration of BBC studio performances from the British bands that broke through courtesy of punk, from its pub rock roots with Dr Feelgood to its explosive heyday with The Sex Pistols, The Clash, Buzzcocks, The Damned, Siouxsie and the Banshees, Joy Division and many more.

FRI 23:55 So Hard to Beat (b00kl0fz)
Too Late to Stop Now

The story of Northern Ireland's rock and pop over the last four decades, featuring exclusive interviews with Van Morrison, Snow Patrol, Gary Moore, Stiff Little Fingers, The Undertones and others.

FRI 01:10 Here Comes the Summer: The Undertones Story (b01mhqnr)
[Repeat of broadcast at 21:55 today]

FRI 02:10 Punk at the BBC (b01klnhx)
[Repeat of broadcast at 22:55 today]

FRI 03:10 Meeting Bryn Terfel (b01mhqn3)
[Repeat of broadcast at 19:30 today]