

Wednesday 11 June 2014

Members present:

Andrew Miller, in the Chair

David Heath
Stephen Metcalfe
David Morris

Stephen Mosley
Graham Stringer
David Tredinnick

1. *Social Media Data and Real Time Analytics*

The Committee considered this matter.

2. *Practical Science in Schools*

The Committee considered this matter.

Resolved, That the Committee write to the Parliamentary Under Secretary of State for Education and Childcare regarding the assessment of practical science in schools.

Ordered, That the following written evidence relating to Practical Science in Schools be reported to the House for publication on the internet: Ofqual (PSS 01); SCORE (PSS 02).

3. *Blood, Tissue and Organ Screening*

Ordered, That the following written evidence relating to Blood, Tissue and Organ Screening be reported to the House for publication on the internet: Coroners Society (BTO 054).

4. *GM Crops and the Precautionary Principle*

Ordered, That the following written evidence relating to GM Crops and the Precautionary Principle be reported to the House for publication on the internet: HM Government (GMC 051).

5. *National Health Screening Programmes*

The Committee considered this matter.

Ordered, That the following written evidence relating to National Health Screening Programmes be reported to the House for publication on the internet: UK Faculty of Public Health (NHS 049).

Professor Michael Baum, Professor Emeritus of Surgery, University College London, representing Advocates for Honesty and Transparency in Breast Screening, Steve Hannigan, Executive Director, Children Living with Inherited Metabolic Diseases (Climb), and Robert Meadowcroft, Chief Executive, Muscular Dystrophy Campaign; Dr John Middleton, Vice President for Health Policy, Faculty of Public Health, Dr Margaret McCartney, and Síle Lane, Director of Campaigns, Sense About Science gave oral evidence.

[Adjourned till Wednesday 18 June 2014 at 9.00am

Wednesday 18 June 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd

Pamela Nash

David Heath

Graham Stringer

Stephen Metcalfe

David Tredinnick

Stephen Mosley

1. *Blood, Tissue and Organ Screening*

The Committee considered this matter.

2. *National Health Screening Programmes*

The Committee considered this matter.

3. *Antimicrobial Resistance*

The Committee considered this matter.

4. *Legacy of the Committee*

Resolved, That the Committee inquire into the Legacy of the Committee.

5. *Social Media Data and Real Time Analytics*

The Committee considered this matter.

Timo Hannay, Managing Director, Digital Science, Carl Miller, Research Director, Centre for the Analysis of Social Media, Demos, and Sureyya Cansoy, Director, Tech for Business and Consumer Programmes, techUK; Professor John Preston, Professor of Education, University of East London, Professor Mick Yates, Visiting Professor, Consumer Data Research Centre, University of Leeds and Dr Ella McPherson, Research Fellow, University of Cambridge, gave oral evidence.

6. *Practical Science in Schools*

Ordered, That the letter from the Secretary of State for Education regarding school science practicals be reported to the House for publication on the internet.

7. *Climate: public understanding and policy implications*

The Committee considered this matter.

Draft Special Report (*Communicating Climate Science: Government Response to the Committee's Eighth Report of Session 2013-14*), proposed by the Chair, brought up, read the first and second time, and agreed to.

The Government's response to the Eighth Report of Session 2013-14 was appended to the Report.

Resolved, That the Report be the First Special Report of the Committee to the House.

Ordered, That the Chair make the Report to the House.

[Adjourned till Monday 23 June 2014 at 4.00pm

Monday 23 June 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd
Stephen Metcalfe

Stephen Mosley
Graham Stringer

1. *Legacy of the Committee*

The Committee considered this matter.

2. *Practical Science in Schools*

The Committee considered this matter.

3. *Antimicrobial Resistance*

The Committee considered this matter.

4. *Blood, Tissue and Organ Screening*

Ordered, That the following written evidence relating to Blood, Tissue and Organ Screening be reported to the House for publication on the internet: Department of Health (supplementary to BTO 31) (BTO 055).

5. *National Health Screening Programmes*

Ordered, That the following written evidence relating to National Health Screening Programmes be reported to the House for publication on the internet: Academy of Medical Sciences (supplementary to NHS 018) (NHS 050)

6. *Social Media Data and Real Time Analytics*

The Committee considered this matter.

Professor Derek McAuley, Professor of Digital Economy in the School of Computer Science and Director of Horizon, Horizon Digital Economy Research Institute, University of Nottingham, Professor David De Roure, Director, Oxford e-Research Institute and ESRC Strategic Advisor for Data Resources, ESRC, and Sir Nigel Shadbolt, Professor of Artificial Intelligence, Web Science Trust and the EPSRC project SOCIAM; Professor Liesbet van

Zoonen, Professor of Media and Communication, Loughborough University, Professor David Robertson, Head of School of Informatics, University of Edinburgh, representing the UK Computing Research Committee, Dr Mathieu d'Aquin, Research Fellow, Open University, and Emma Carr, Acting Director, Big Brother Watch, gave oral evidence.

[Adjourned till Wednesday 25 June 2014 at 9.00am

Wednesday 25 June 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd
Stephen Metcalfe
David Morris

Stephen Mosley
Graham Stringer

1. *Social Media Data and Real Time Analytics*

The Committee considered this matter.

2. *Antimicrobial Resistance*

The Committee considered this matter.

3. *National Health Screening Programmes*

The Committee considered this matter.

Dr Hilary Burton, Director, PHG Foundation, Professor Ian Cree, Yvonne Carter Professor of Pathology, Warwick Medical School, representing the Early Cancer Detection Consortium, Professor Ian Jacobs, Principal Investigator, PROMISE 2016, and Owen Sharp, Chief Executive, Prostate Cancer UK; Dr Kevin Dunbar, Director, National Chlamydia Screening Programme, Dr Sharon Hillier, Deputy Director of Screening Division, Public Health Wales, Dr Anne Mackie, Director of Programmes, UK National Screening Committee, and Jamie Waterall, National Lead - NHS Health Check programme, Public Health England, gave oral evidence.

[Adjourned till Wednesday 2 July 2014 at 9.00am

Wednesday 2 July 2014

Members present:

Andrew Miller, in the Chair

David Heath
Stephen Metcalfe
Stephen Mosley

Pamela Nash
Graham Stringer
David Tredinnick

1. *Blood, Tissue and Organ Screening*

The Committee considered this matter.

2. *Antimicrobial Resistance*

The Committee considered this matter.

Draft Report (*Ensuring access to working antimicrobials*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the First Report of the Committee, HC 509.

3. *Social Media Data and Real Time Analytics*

The Committee considered this matter.

Steve Wood, Head of Policy Delivery, Information Commissioner's Office, Dr Mark Elliot, Senior Lecturer, Confidentiality and Privacy Research Issues group, University of Manchester, and Dr Kevin Macnish, Teaching Fellow and Consultant, Inter-Disciplinary Applied Ethics Centre, University of Leeds; Ed Vaizey MP, Parliamentary Under Secretary of State for Culture, Communications and Creative Industries, Department for Culture, Media and Sport, gave oral evidence.

[Adjourned till Wednesday 9 July 2014 at 9.00am]

Wednesday 9 July 2014

Members present:

Andrew Miller, in the Chair

David Heath
Stephen Metcalfe
Stephen Mosley

Pamela Nash
Graham Stringer
David Tredinnick

1. *Social Media Data and Real Time Analytics*

The Committee considered this matter.

2. *GM Foods and Application of the Precautionary Principle in Europe*

Resolved, That the Committee visit the John Innes Centre.

3. *Blood, Tissue and Organ Screening*

The Committee considered this matter.

Resolved, That the Committee write to the Parliamentary Under Secretary of State for Public Health regarding organ donation.

4. *National Health-Screening Programmes*

The Committee considered this matter.

Professor David Walker, Deputy Chief Medical Officer, Jane Ellison MP, Parliamentary Under Secretary of state for Public Health, Department of Health gave oral evidence.

[Adjourned till Wednesday 16 July 2014 at 9.00am

Wednesday 16 July 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd	Pamela Nash
David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	

1. *GM Foods and Application of the Precautionary Principle in Europe*

The Committee considered this matter.

2. *Future Programme*

The Committee considered this matter.

Resolved, That the Committee inquire into the Next Generation Communication and the Spectrum Strategy.

Resolved, That the Committee inquire into the future of research at Kew Gardens.

Resolved, That the Committee inquire into Biometric Data.

Resolved, That the Committee inquire into Mitochondrial Donation.

Resolved, That the Committee inquire into Digital Democracy.

3. *Government Minister Reshuffle*

Resolved, That the Committee write to David Willetts MP regarding his work in science policy.

4. *Blood, Tissue and Organ Screening*

The Committee considered this matter.

Draft Report (*After the storm? UK blood safety and the risk of variant Creutzfeldt-Jakob Disease*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Second Report of the Committee, HC 327.

5. *Government Horizon Scanning*

The Committee considered this matter.

Resolved, That the Committee write to the Minister for Government Policy, regarding Government Horizon Scanning.

Draft Special Report (*Government Horizon Scanning: Government Response to the Committee's Eighth Report of Session 2013-14*), proposed by the Chair, brought up, read the first and second time, and agreed to.

The Government's response to the Ninth Report of Session 2013-14 was appended to the Report.

Resolved, That the Report be the Second Special Report of the Committee to the House.

Ordered, That the Chair make the Report to the House.

6. *National Health-Screening Programmes*

Ordered, That the following written evidence relating to National Health-Screening Programmes be reported to the House for publication on the internet: European Scanning Centre (including a letter dated 16 June from the Chair of the Science and Technology Committee to Dr Paul Jenkins, Medical Advisor, European Scanning Centre) (NHS 051); Life Line Screening (NHS 052).

[Adjourned till Wednesday 3 September 2014 at 9.00am]

Wednesday 3 September 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	David Tredinnick

1. *GM Foods and Application of the Precautionary Principle in Europe*

The Committee considered this matter.

Resolved, That the Committee write to Greenpeace insisting it attends an evidence session.

2. *Practical science assessment*

The Committee considered this matter.

Janet Holloway, Ofqual, Dr Steven Evans, OCR, Darren Northcott, NASUWT, Nicole Morgan, RSC and Steve Jones, CLEAPPS; Michelle Meadows, Ofqual, Stella Paes, AQA, Max Hyde, NUT and Elizabeth Swinbank, York University; Dennis Opposs, Ofqual, Professor Peter Main, IoP, Hilary Leever, Wellcome Trust, David Britz Colwill, Sixth Form Colleges Association and Helen Thorne, UCAS; Glenys Stacey, Ofqual, Philip Britton, HMC, Sir John Holman, CST and Sarah Main, CaSE gave oral evidence.

[Adjourned till Wednesday 10 September 2014 at 8.55am

Wednesday 15 October 2014

Members present:

Andrew Miller, in the Chair

David Heath
Stephen Metcalfe
Stephen Mosley

Pamela Nash
Graham Stringer
David Tredinnick

1. *Antimicrobial resistance*

The Committee considered this matter.

Draft Special Report (*Ensuring access to working antimicrobials: Research Councils UK Response to the Committee's First Report of Session 2014–15:*), proposed by the Chair, brought up, read the first and second time, and agreed to.

The Research Councils UK response to the First Report of Session 2014–15 was appended to the Report.

Resolved, That the Report be the Third Special Report of the Committee to the House.

Ordered, That the Chair make the Report to the House.

2. *Current and future uses of biometric data and technologies*

Ordered, That the following written evidence relating to current and future uses of biometric data and technologies be reported to the House for publication on the internet: Julian Ashbourn (BIO 001); Big Brother Watch (BIO 002); Biometrics Institute (BIO 003); Lockstep Consulting (BIO 004); Imprints/Liesbet Van Zoonen (BIO 005); Professor Louise Amoore (BIO 006); Natural Security Alliance (BIO 007); Unilink (BIO 008); Information Commissioner's Office (BIO 009); Mark Nixon (BIO 010); The UK Cards Association (BIO 011); Dr Roger Morgan (BIO 012); James Moyer (BIO 014); Superidentity Project/University of Kent (BIO 015); Church of Scotland (BIO 016); Professor Sue Black (BIO 017); 3M UK (BIO 018); Forensic Science Special Interest Group (BIO 019); British Standards Institution (BIO 020); Edgar Whitley (BIO 025); Dr Peter Hawkes (BIO 026); Biometrics Commissioner (BIO 027); Pippa King (BIO 028); Innovate UK (BIO 029); Northrop Grumman (BIO 030); Identity Assurance Systems Ltd (BIO 031); International Biometrics & Identification Association (IBIA) (BIO 032); Research Councils UK (BIO 033).

3. Mitochondrial donation

Ordered, That the following written evidence relating to mitochondrial donation be reported to the House for publication on the internet: Progress Educational Trust (MIT 0001); Professor Doug Turnbull (MIT 0002); Alison Murdoch (MIT 0003); Human Fertilisation and Embryology Authority (MIT 0004); Medical Research Council (MIT 0005); Muscular Dystrophy Campaign (MIT 0006); The Academy of Medical Sciences (MIT 0007); Wellcome Trust (MIT 0008); The Free Church of Scotland (MIT 0009).

4. National Health Screening

Ordered, That the following written evidence relating to national health screening be reported to the House for publication on the internet: BMI Healthcare (NHS 054).

5. Social media data and real time analytics

Ordered, That the following written evidence relating to national health screening be reported to the House for publication on the internet: Facebook (SMD 0026); LinkedIn Corporation (SMD 0027); Yahoo! (SMD 0028); Twitter (SMD 0029).

6. Blood, Tissue and Organ Screening

Ordered, That the letter from the Parliamentary Under Secretary of State for Public Health regarding the Government's strategy to take organ transplantation to 2020 be reported to the House for publication on the internet.

7. Water Quality

Ordered, That the letter from the Parliamentary Under Secretary of State for Water, Forestry, Rural Affairs and Resource Management regarding progress with development of the evidence base on pharmaceuticals in the environment be reported to the House for publication on the internet.

8. GM Foods and Application of the Precautionary Principle in Europe

The Committee considered this matter.

Professor Ottoline Leyser, Royal Society, Professor Sir David Baulcombe, University of Cambridge, Liz O'Neill, GM Freeze, Dr Doug Parr, Greenpeace UK gave oral evidence.

[Adjourned till Monday 20 October 2014 at 4.00pm

Monday 20 October 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd	Pamela Nash
David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	

1. *National health screening*

The Committee considered this matter.

Draft Report (*National Health Screening*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Third Report of the Committee, HC 244.

2. *Mitochondrial donation*

Ordered, That the following written evidence relating to mitochondrial donation be reported to the House for publication on the internet: Patrick Chinnery (MIT 0011); The Lily Foundation (MIT 0012); James Lawford Davies (MIT 0013); Christian Medical Fellowship (MIT 0014).

3. *GM Foods and Application of the Precautionary Principle in Europe*

Ordered, That the following written evidence relating to GM foods and application precautionary principle in Europe be reported to the House for publication on the internet: Dr Charles Clutterbuck (GMC 053).

4. *Social media data and real time analytics*

Ordered, That the following written evidence relating to 4. Social media data and real time analytics be reported to the House for publication on the internet: techUK (SMD 0030); Google (SMD 0031).

5. *Introductory session with Rt Hon Greg Clark MP*

The Committee considered this matter.

Greg Clark MP, Minister of State for Universities, Science and Cities, Cabinet Office and Department for Business, Innovation and Skills, gave oral evidence.

[Adjourned till Wednesday 22 October 2014 at 9.00am

Wednesday 22 October 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd

Stephen Mosley

David Heath

Graham Stringer

Stephen Metcalfe

David Tredinnick

1. *Current and future uses of biometric data and technologies*

The Committee considered this matter.

2. *The future of research at Kew Gardens*

The Committee considered this matter.

3. *Mitochondrial donation*

The Committee considered this matter.

Ordered, That the following written evidence relating to mitochondrial donation be reported to the House for publication on the internet: Sir John Pethica (MIT 0015); Professor Adam Eyre-Walker (MIT 0016); Center for Genetics and Society (MIT 0017); Professor Justin C St John (MIT 0018).

Professor Doug Turnbull, University of Newcastle upon Tyne, Professor Robin Lovell-Badge, MRC National Institute for Medical Research, Professor Peter Braude, King's College London, and Dr Edward Morrow, University of Sussex; Peter Thompson, Human Fertilisation and Embryology Authority, Professor Jonathon Montgomery, Nuffield Council on Bioethics, and Robert Meadowcroft, Muscular Dystrophy Campaign; Jane Ellison MP, Parliamentary Under Secretary of State for Public Health, Department of Health, and Professor Dame Sally Davies, Chief Medical Officer, gave oral evidence.

[Adjourned till Wednesday 29 October 2014 at 9.00am

Wednesday 29 October 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd	Pamela Nash
David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	David Tredinnick

1. *Mitochondrial donation*

Ordered, That the following written evidence relating to mitochondrial donation be reported to the House for publication on the internet: Human Genetics Alert (MIT 0019); Council for Responsible Genetics (MIT 0020); Comment on Reproductive Ethics (MIT 0021); Mothers for a Human Future (MIT 0022); David A Prentice, Ph.D. (MIT 0023); The Christian Institute (MIT 0024); Caroline Simons (MIT 0025); Emily Huerdo (MIT 0026); Julian Malcolm (MIT 0027).

2. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: The Royal Society (LEG 0001); Faculty of Pharmaceutical Medicine (LEG 0002); Christopher Roy-Toole (LEG 0003).

3. *Current and future uses of biometric data and technologies*

Ordered, That the following written evidence relating to current and future uses of biometric data and technologies be reported to the House for publication on the internet: Sir John Pethica (BIO 034).

4. *Science in the Met Office*

Ordered, That the letter from the Minister of State for Universities, Science and Cities regarding science in the Met Office be reported to the House for publication on the internet.

5. *GM Foods and Application of the Precautionary Principle in Europe*

The Committee considered this matter.

Síle Lane, Sense about Science, Dr Jack Stilgoe, University College London, Professor Brian Wynne, Lancaster University; Sue Davies, Which?, Jon Woolven, Institute of Grocery

Distribution; Dr Helen Ferrier, National Farmers' Union, Peter Melchett, Soil Association, Professor Ian Crute, Agriculture and Horticulture Development Board, gave oral evidence.

[Adjourned till Wednesday 5 November 2014 at 9.00am

Wednesday 5 November 2014

Members present:

Andrew Miller, in the Chair

David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	David Tredinnick
Pamela Nash	

1. *Mitochondrial donation*

Ordered, That the following written evidence relating to mitochondrial donation be reported to the House for publication on the internet: Professor Jonathan Montgomery (MIT 0028).

Ordered, That the letter to the Parliamentary Under Secretary of State for Public Health regarding this one-off session be reported to the House for publication on the internet.

2. *Current and future uses of biometric data and technologies*

Ordered, That the following written evidence relating to current and future uses of biometric data and technologies be reported to the House for publication on the internet: Home Office (BIO 0035).

3. *GM Foods and Application of the Precautionary Principle in Europe*

Ordered, That the following written evidence relating to GM foods and application of the precautionary principle in Europe be reported to the House for publication on the internet: Professor Joe Perry (GMC 0054); Institute of Grocery Distribution (GMC 0055).

The Committee considered this matter.

Professor Helen Sang, Society of Biology, Professor Michael Bevan, John Innes Centre, Dr Paul Burrows, Biotechnology and Biological Sciences Research Council; Dr Julian Little, Agricultural Biotechnology Council, Dr Mike Bushell, Syngenta, Dr Geoff Mackey, BASF Europe North, gave oral evidence.

[Adjourned till Monday 10 November 2014 at 4.00pm]

Monday 10 November 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd

Pamela Nash

Stephen Mosley

1. *Mitochondrial donation*

Ordered, That the following written evidence relating to mitochondrial donation be reported to the House for publication on the internet: Stuart Newman (MIT 0029).

2. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: The Association of the British Pharmaceutical Industry (LEG 0004); Field Studies Council (LEG 0005); Science Community Representing Education (LEG 0006).

3. *GM foods and application of the precautionary principle in Europe*

Ordered, That the following written evidence relating to GM foods and application of the precautionary principle in Europe be reported to the House for publication on the internet: Greenpeace UK (GMC 0056).

4. *Blood, tissue and organ screening*

Ordered, That the letter to the Parliamentary Under Secretary of State for Public Health regarding the Government's response to the Committee's report be reported to the House for publication on the internet.

5. *The Government Office for Science annual review 2013-14*

The Committee considered this matter.

Professor Sir Mark Walport, Government Chief Scientific Adviser, Government Office for Science, gave oral evidence.

6. *The Department for Education chief scientific adviser*

The Committee considered this matter.

Dr Tim Leunig, Chief Scientific Adviser, Department for Education, gave oral evidence.

[Adjourned till Wednesday 19 November 2014 at 9.00am

Wednesday 19 November 2014

Members present:

Andrew Miller, in the Chair

Stephen Metcalfe
Pamela Nash

Graham Stringer

1. *Social media data and real time analytics*

The Committee considered this matter.

Draft Report (*Responsible Use of Data*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Fourth Report of the Committee, HC 245.

2. *Current and future uses of biometric data and technologies*

Ordered, That the following written evidence relating to current and future uses of biometric data and technologies be reported to the House for publication on the internet: Association of Chief Police Officers (BIO 0036).

3. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: The Geological Society (LEG 0007).

4. *GM foods and application of the precautionary principle in Europe*

Ordered, That the following written evidence relating to GM foods and application of the precautionary principle in Europe be reported to the House for publication on the internet: GM Freeze (GMC 0057).

The Committee considered this matter.

Professor Paul Nightingale, University of Sussex, Professor Andy Stirling, University of Sussex, Professor Joyce Tait, University of Edinburgh, Sir Roland Jackson, Nuffield Council on Bioethics; Professor Sir Mark Walport, Government Chief Scientific Adviser, Government Office for Science, gave oral evidence.

[Adjourned till Wednesday 26 November 2014 at 9.00am

Wednesday 26 November 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd

Stephen Metcalfe

Stephen Mosley

Pamela Nash

Graham Stringer

David Tredinnick

1. Current and future uses of biometric data and technologies

The Committee considered this matter.

Professor Louise Amoore, Durham University, Professor Sue Black, University of Dundee, Professor Juliet Lodge, Biometrics Institute; Sir John Adye, Identity Assurance Systems, Ben Fairhead, 3M, Erik Bowman, Northrop Grumman; Emma Carr, Big Brother Watch, Andrew Tyrer, Innovate UK, Dr Peter Waggett, Biometrics Standards Group, gave oral evidence.

[Adjourned till Monday 1 December 2014 at 4.00pm]

Monday 1 December 2014

Members present:

Andrew Miller, in the Chair

Jim Dowd	Stephen Mosley
David Heath	Graham Stringer
Stephen Metcalfe	

1. The legacy report parliament 2010-2015

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Letter from the Parliamentary Under Secretary of State for Public Health, Department of Health (LEG 0013).

2. The Department for Education chief scientific adviser

The Committee considered this matter.

3. European Union chief scientific adviser

The Committee considered this matter.

4. Practical science assessment

The Committee considered this matter.

5. The future of research at Kew Gardens

Ordered, That the following written evidence relating to the future of research at Kew Gardens be reported to the House for publication on the internet: Louise Wisniewski (KEW 001); Ruth Savery (KEW 002); The Kew Gardener (KEW 003); Melanie Schori (KEW 004); Miriam Shepherd (KEW 005); Mrs Jenny Grundy (KEW 006); Julian Harber (KEW 007); Keith Stout (KEW 008); Peggy Holland (KEW 009); Philip Harris (KEW 010); Glynne Williams (KEW 011); Graham Temple (KEW 012); John Wood (KEW 013); Bronwen Jones (KEW 014); James Oglethorpe (KEW 015); Gillian Waldron (KEW 016); Ormungandr Melchizedek (KEW 017); Paul Saxty (KEW 018); Andrew Vovides (KEW 019); James Ramsay (KEW 020); Maurizio Sajeve (KEW 021); Anne Taylor (KEW 022); Sally Beeson (KEW 023); Department for Environment, Food and Rural Affairs (KEW 024); Royal Botanic Gardens, Kew (KEW 025).

6. *GM foods and application of the precautionary principle in Europe*

Ordered, That the following written evidence relating to GM foods and application of the precautionary principle in Europe be reported to the House for publication on the internet: John Innes Centre (GMC 0058).

The Committee considered this matter.

Dr Elisabeth Waigmann, European Food Safety Authority, Professor Joe Perry, European Food Safety Authority; Eric Poudalet, European Commission, Dorothée André, European Commission, gave oral evidence.

[Adjourned till Wednesday 3 December 2014 at 9.00am

Wednesday 3 December 2014

Members present:

Andrew Miller, in the Chair

David Heath
Stephen Metcalfe

Stephen Mosley
David Tredinnick

1. *The Department for Business, Innovation and Skills Director General of Knowledge and Innovation*

The Committee considered this matter.

2. *Practical science assessment*

The Committee considered this matter.

3. *The future of research at Kew Gardens*

Ordered, That the following written evidence relating to the future of research at Kew Gardens be reported to the House for publication on the internet: Marie-Louise Rabouhans (KEW 026); Janet and Peter Quested (KEW 027); Professor Simon Owens (KEW 028); The Royal Society (KEW 029).

4. *Legacy Report Parliament 2010-2015*

The Committee considered this matter.

Jane Ellison MP, Parliamentary Under Secretary of State for Public Health, Department of Health, George Freeman MP, Parliamentary Under Secretary of State for Life Sciences, Department for Business, Innovation and Skills and Department of Health, Professor David Walker, Deputy Chief Medical Officer, Department of Health; Nick Gibb MP, Minister of State for School Reform, Department for Education, gave oral evidence.

[Adjourned till Wednesday 10 December 2014 at 9.00am

Wednesday 10 December 2014

Members present:

Andrew Miller, in the Chair

David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	David Tredinnick
Pamela Nash	

1. *Practical science assessment*

The Committee considered this matter.

2. *The future of research at Kew Gardens*

Ordered, That the following written evidence relating to the future of research at Kew Gardens be reported to the House for publication on the internet: UK Plant Sciences Federation (KEW 031); Professor Sir Ghilleen Prance (KEW 032); Richard Ward (KEW 033); Botanic Gardens and Parks Authority (KEW 034).

3. *Current and future uses of biometric data and technologies*

The Committee considered this matter.

Alastair MacGregor QC, Biometrics Commissioner, Dr Simon Rice, Information Commissioners Office, Chief Constable Chris Sims, Association of Chief Police Officers; Marek Rejman-Greene, Home Office, Lord Bates, Parliamentary Under Secretary of State for Criminal Information, Home Office, gave oral evidence.

[Adjourned till Wednesday 17 December 2014 at 9.00am

Wednesday 17 December 2014

Members present:

Andrew Miller, in the Chair

Dan Byles	Stephen Mosley
David Heath	Pamela Nash
Stephen Metcalfe	Graham Stringer

1. *Introductory session with Rt Hon Greg Clark MP*

Ordered, That the letter from the Minister of State for Universities, Science and Cities regarding marine conservation zones be reported to the House for publication on the internet.

2. *Practical science assessment*

The Committee considered this matter.

3. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Letter from the Parliamentary Under Secretary of State for Climate Change, Department of Energy and Climate Change (LEG 014); Letter from the Minister for Government Policy, Cabinet Office (LEG 015).

4. *The future of research at Kew Gardens*

Ordered, That the following written evidence relating to the future of research at Kew Gardens be reported to the House for publication on the internet: Philip Cameron (KEW 035); Dr Monika Shaffer-Fehre (KEW 036); David Baines (KEW 037); Frances Pemberton (KEW 038); Michael Gilbert (KEW 039); Dr Paul Smith (KEW 040); Dr Paul Bremner, Professor Michael Heinrich, Dr R. Middleton, Dr. A Booker, Dr. José Prieto (KEW 041); Prospect, PCS and GMB trade unions (KEW 042); Professor Gregory Mueller (KEW 043); Burkina Faso National Tree Seed Centre (KEW 044); Professor Hugh Dickinson (KEW 045); Graham Burgess (KEW 046).

The Committee considered this matter.

Professor Sir Neil Chalmers, Professor Georgina Mace, Royal Society, Professor Mary Gibby, UK Plant Sciences Federation; Richard Deverell, Royal Botanic Gardens, Kew, Kathy Willis, Royal Botanic Gardens, Kew, Julie Flanagan, Prospect, Ken Bailey, trade union side lead; Lord

de Mauley, Parliamentary Under Secretary of State for natural environment and science, Department for Environment, Food & Rural Affairs, gave oral evidence.

[Adjourned till Wednesday 7 January 2015 at 9.00am

Wednesday 7 January 2015

Members present:

Andrew Miller, in the Chair

Jim Dowd	Pamela Nash
David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	David Tredinnick

1. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Letter from the Parliamentary Under Secretary of State for Public Health, Department of Health (LEG 008); Letter from the Minister for Life Sciences, Department of Health and Department for Business, Innovation and Skills (LEG 009); Letter from the Minister for Life Sciences, Department of Health and Department for Business, Innovation and Skills (LEG 010); Letter from the Minister for Life Sciences, Department of Health and Department for Business, Innovation and Skills (LEG 011); Letter from the Minister for the Cabinet Office, Paymaster General, Cabinet Office (LEG 012).

2. *Current and future uses of biometric data and technologies*

Ordered, That the following written evidence relating to current and future uses of biometric data and technologies be reported to the House for publication on the internet: Letter from the Biometrics Commissioner (BIO 037).

3. *The Department for Education chief scientific adviser*

Ordered, That the letter from the Government Chief Scientific Adviser and the Permanent Secretary, Department for Education responding to the Committee's letter be reported to the House for publication on the internet.

4. *Blood, tissue and organ screening*

Ordered, That the letter from the Cambridge Institute of Public Health regarding the Committee's correspondence with the Government be reported to the House for publication on the internet.

5. *Practical science assessment*

Ordered, That the letter from the Minister of State for School Reform, Department for Education responding to the Committee's letter to the Government be reported to the House for publication on the internet.

6. *The future of research at Kew Gardens*

Ordered, That the following written evidence relating to the future of research at Kew Gardens be reported to the House for publication on the internet: David Frodin (KEW 047); Professor Braun (KEW 048); Ray Woods (KEW 049); Lindsay Hounslow (KEW 050); Karl Soop (KEW 051); International Society for Fungal Conservation (KEW 052); British Lichen Society (KEW 053); Dr Gareth Griffith (KEW 054); Slavomir Adamcik (KEW 055); Professor Lynne Boddy (KEW 056); Vicki Pitman (KEW 057); Lesley-Jane Powell (KEW 058); The Mycological Society of America (KEW 059); the Mycological Society of India (KEW 060); Joanne Taylor (KEW 061); The International Mycological Association (KEW 062); Dr Maria Alvarez Aguirre (KEW 063); Dr Christian Scheuer (KEW 064); Dr Stephen Helfer (KEW 065); Dr David Middleton (KEW 066); Daniela Zappi (KEW 067); Center for Forest Mycology Research (KEW 068); British Mycological Society (KEW 069); Anonymous (KEW 070).

7. *GM foods and application of the precautionary principle in Europe*

Ordered, That the following written evidence relating to GM foods and application of the precautionary principle in Europe be reported to the House for publication on the internet: Agricultural Biotechnology Council (GMC 0059).

The Committee considered this matter.

Professor Rosie Hails, Advisory Committee on Releases to the Environment, Professor Peter Gregory, Advisory Committee on Novel Foods and Processes, Professor Guy Poppy, Chief Scientific Adviser, Food Standards Agency; Lord de Mauley, Parliamentary Under Secretary of State for Natural Environment and Science, Department for Environment, Food and Rural Affairs, George Freeman MP, Parliamentary Under Secretary of State for Life Sciences, Department for Health and Department for Business, Innovation and Skills, gave oral evidence.

[Adjourned till Wednesday 14 January 2015 at 9.00am

Wednesday 14 January 2015

Members present:

Andrew Miller, in the Chair

Dan Byles	Pamela Nash
Jim Dowd	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	

1. *GM foods and application of the precautionary principle in Europe*

Ordered, That the following written evidence relating to GM foods and application of the precautionary principle in Europe be reported to the House for publication on the internet: Letter from the Deputy Minister for Farming and Food, Welsh Government (GMC 0060); Letter from the Minister of the Environment, Northern Irish Assembly (GMC 0061); Letter from the Minister for Environment, Climate Change and Land Reform, Scottish Government (GMC 0062); Society of Biology (GMC 0063).

2. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Letter from Lilly UK (LEG 016).

The Committee considered this matter.

George Eustice MP, Parliamentary Under Secretary of State for Farming, Food and Marine Environment, Department for Environment, Food and Rural Affairs, Terence Illott, Marine Environment Strategy, Department for Environment, Food and Rural Affairs, Paul Green, Veterinary Medicines Directorate, Department for Environment, Food and Rural Affairs; Lord Bates, Parliamentary Under Secretary of State for Criminal Information, Home Office, Alan Pratt, Director of Science, Engineering and Technology, Home Office, gave oral evidence.

[Adjourned till Wednesday 21 January 2015 at 9.00am

Wednesday 21 January 2015

Members present:

Andrew Miller, in the Chair

Dan Byles

Pamela Nash

Stephen Metcalfe

David Tredinnick

Stephen Mosley

1. *Current and future uses of biometric data and technologies*

Ordered, That the following written evidence relating to current and future uses of biometric data and technologies be reported to the House for publication on the internet: Letter from the Parliamentary Under Secretary of State for Criminal Information, Home Office (BIO 038).

2. *The future of research at Kew Gardens*

Ordered, That the following written evidence relating to the future of research at Kew Gardens be reported to the House for publication on the internet: Letter from the Parliamentary Under Secretary of State for Natural Environment and Science, Department for Environment, Food & Rural Affairs (KEW 071); C M Thomas (KEW 072).

3. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Letter from the Parliamentary Under Secretary of State for Climate Change (LEG 017).

4. *Science and Innovation Strategy*

The Committee considered this matter.

Greg Clark MP, Minister of State for Universities, Science and Cities, Cabinet Office and Department for Business, Innovation and Skills, Professor Sir Mark Walport, Government Chief Scientific Adviser, Government Office for Science, gave oral evidence.

[Adjourned till Wednesday 28 January 2015 at 9.00am]

Wednesday 28 January 2015

Members present:

Andrew Miller, in the Chair

David Heath
Stephen Metcalfe
Stephen Mosley

Graham Stringer
David Tredinnick

1. Practical science assessment

The Committee considered this matter.

2. European Union chief scientific adviser

The Committee considered this matter.

3. The legacy report parliament 2010-2015

The Committee considered this matter.

Greg Clark MP, Minister of State for Universities, Science and Cities, Cabinet Office and Department for Business, Innovation and Skills; Professor Sir Mark Walport, Government Chief Scientific Adviser, Government Office for Science, gave oral evidence.

[Adjourned till Wednesday 11 February 2015 at 9.00am

Wednesday 11 February 2015

Members present:

Andrew Miller, in the Chair

Jim Dowd	Pamela Nash
David Heath	Sarah Newton
Stephen Metcalfe	Graham Stringer
Stephen Mosley	David Tredinnick

1. *GM Foods and Application of the Precautionary Principle in Europe*

The Committee considered this matter.

Draft Report (*Advanced genetic techniques for crop improvement: regulation, risk and precaution*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Fifth Report of the Committee, HC 328.

2. *Practical science assessment*

The Committee considered this matter.

3. *Science and Innovation Strategy*

Ordered, That the following written evidence relating to the Science and Innovation Strategy be reported to the House for publication on the internet: Rt Hon Greg Clark MP, Minister for Universities, Science and Cities, and Professor Sir Mark Walport, Government Chief Scientific Adviser (SIS0001).

4. *Work of the Department for Education Chief Scientific Adviser*

Ordered, That the following written evidence relating to the Work of the Department for Education Chief Scientific Adviser be reported to the House for publication on the internet: Rt Hon Oliver Letwin MP, Minister for Government Policy, Cabinet Office (DEA0002).

5. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Home Office (LEG 018); Government Office for Science (LEG 019).

[Adjourned till Wednesday 25 February 2015 at 9.00am

Wednesday 25 February 2015

Members present:

Andrew Miller, in the Chair

Dan Byles

Stephen Mosley

Jim Dowd

Pamela Nash

Stephen Metcalfe

Graham Stringer

1. *Current and future uses of biometric data and technologies*

The Committee considered this matter.

Draft Report (*Current and future uses of biometric data and technologies*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Sixth Report of the Committee, HC 734.

2. *The future of research at Kew Gardens*

The Committee considered this matter.

Draft Report (*Royal Botanic Gardens, Kew*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Seventh Report of the Committee, HC 866.

3. *Practical science assessment*

The Committee considered this matter.

4. *The legacy report parliament 2010-2015*

Ordered, That the following written evidence relating to the legacy report parliament 2010-2015 be reported to the House for publication on the internet: Department for Business, Innovation & Skills (LEG 020).

5. *The future of the Food and Environment Research Agency*

The Committee considered this matter.

Chris Sellers, Executive Director, Capita, Dr Dan Heard, Market Director (Science), Capita, Professor Robert Edwards, Head of the School of Agriculture, Food and Rural Development, Newcastle University; Lord de Mauley, Parliamentary Under Secretary of State for Natural

Environment and Science, Department for Environment, Food & Rural Affairs, gave oral evidence.

[Adjourned till Monday 2 March 2015 at 4.00pm

Monday 2 March 2015

Members present:

Andrew Miller, in the Chair

Dan Byles

David Heath

Jim Dowd

Stephen Metcalfe

1. *Pre-appointment hearing for Chair of BBSRC*

The Committee considered this matter.

Professor Sir Gordon Duff, Government's preferred candidate for Chair of the BBSRC, gave oral evidence.

Draft Report (*Pre-appointment hearing with the Government's preferred candidate for Chair of the Biotechnology and Biological Sciences Research Council (BBSRC)*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Eighth Report of the Committee, HC 1087.

2. *Government response to Responsible use of data report*

The Committee considered this matter.

Draft Special Report (*Responsible use of data: Government response to the Committee's Fourth Report of Session 2014-15*), proposed by the Chair, brought up and read.

The Government response to the Fourth Report of Session 2014-15 was appended to the Report.

Resolved, That the Report be the Fourth Special Report of the Committee to the House

Ordered, That the Chair make the Report to the House.

[Adjourned till Wednesday 11 March 2015 at 10.00am]

Wednesday 11 March 2015

Members present:

Andrew Miller, in the Chair

Jim Dowd

Stephen Metcalfe

Stephen Mosley

Pamela Nash

Graham Stringer

David Tredinnick

1. *Practical science in schools*

The Committee considered this matter.

2. *Inspiring Science Capital Fund*

The Committee considered this matter.

3. *Legacy Report*

Draft Report (*Legacy – Parliament 2010-15*), proposed by the Chair, brought up and read.

The draft report was agreed to; the Formal Minutes relating to the consideration of the Report are published in the Ninth Report of the Committee, HC 758.

[The Committee adjourned