

## Knowledge Exchange records from 01/04/2014 – 31/03/2015

### CATEGORY 9 - Media (87 records)

- Record ID 4010705  
**Title:** **Media release in Science Daily, 11 December 2014: Preventing biodiversity loss due to ash dieback research.**  
Author: Broome, A.  
Company: Science Daily  
Imprint: 2014  
Description: Media release  
Main subject: TREE HEALTH  
Subjects: FCRA AUTHOR; 2015-FR-CAT-9  
Abstract: A new study of woodlands (published in British Ecological Society) across the UK reveals that, as Chalara ash dieback disease progresses, encouraging the growth of other broadleaved trees as alternatives to ash could protect the almost 1000 species of plants and animals which usually use ash trees for food and habitat. Author Alice Broome, paper at BES/SFE Conference 12/12/2014, Lille.
- Country: uk  
Bib type: M  
GMD: Media  
Entered: 06/01/2015 B00000115  
Updated: 14/04/2015 B00000115
- Record ID 4010707  
**Title:** **Media Release, 5th August 2014, The Telegraph: Japanese red cedars to replace Britain's traditional oaks in fight against climate change.**  
Author: Carter, C.  
Imprint: 2014  
Main subject: CLIMATE CHANGE  
Subjects: PHD; RISK; TREE SPECIES; RESILIENCE; SUSTAINABILITY; FCRA CONTRIBUTOR; 2015-FR-CAT-9  
Abstract: Doctorate from Michal Petr regarding climate change and modelling of tree species impacts and suitability in the UK. This study was the first time that risk (to tree species from Climate Change) in GB has been quantified. Aspects that "foresters are being advised to plant more trees that are capable of flourishing in warmer temperatures such as Japanese red cedar and giant redwood trees from America, instead of traditional oaks and spruces" attracted attention. This press release also included input from John Weir (FCE). For more information see; Michal Petr. (HW)
- Country: uk  
Bib type: M  
GMD: Media  
Entered: 06/01/2015 B00000115
- Record ID 4010708  
**Title:** **Social media – Blog: Bluesky Tree map helps identify diseases in UK trees.**  
Author: Armstrong, I.  
Company: Forest Research; University of Leicester  
Imprint: 2014  
Description: Social media blog  
Main subject: REMOTE SENSING

Subjects: TREE HEALTH; PHENOLOGY; FOLIAR ANALYSIS; REMOTE SENSING; CASE STUDENTSHIP; 2015-FR-CAT-9  
Abstract: Involves "Bluesky" – the first national tree map, a partnership with University of Leicester and Forest Research to investigate the use of airborne mapping systems to identify tree diseases in trees. Sponsored by NERC through a CASE Studentship programme. For more information see: Juan Suarez at Forest Research (HW).  
Class: Electronic resource  
WWW: [www.iestynarmstrong.blogspot.co.uk](http://www.iestynarmstrong.blogspot.co.uk)  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 06/01/2015 B00000115

Record ID 4010785  
**Title: Western Daily Press, 8th April 2014.**  
Other titles: Raising a glass to juniper's future  
Company: Forest Research  
Imprint: Western Daily Press, 2014  
Main subject: SHRUBS  
Subjects: FCRA STAFF; 2015-FR-CAT-9  
Abstract: (Shelagh McCartan)... perhaps explains another of its names, 'bastard's bane'. Conservationists have recognised that juniper needs a helping hand and plans are in place across the UK to slow the shrub's rapid decline. In Scotland, Plantlife has carried out trials with Forest Research at several sites testing ways to encourage natural regeneration of populations using cattle grazing and removing the top layer of the ground. Plantlife Cymru has produced the Wales Juniper Inventory, the first comprehensive list...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 17/04/2015 B00000115

Record ID 4010786  
**Title: The Herald (Plymouth), 12th April 2014**  
Other titles: Is gin on the rocks?  
Company: Forest Research  
Imprint: The Herald (Plymouth), 2014  
Main subject: SHRUBS  
Subjects: FCRA STAFF; 2015-FR-CAT-9  
Abstract: (Shelagh McCartan)... perhaps explains another of its names, 'bastard's bane'. Conservationists have recognised that juniper needs a helping hand and plans are in place across the UK to slow the shrub's rapid decline. In Scotland, Plantlife has carried out trials with Forest Research at several sites testing ways to encourage natural regeneration of populations using cattle grazing and removing the top layer of the ground. Plantlife Cymru has produced the Wales Juniper Inventory, the first comprehensive list...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 17/04/2015 B00000115

Record ID 4010787  
**Title: Media article in Swindon Advertiser, 17th April 2014.**  
Other titles: In need of a tonic  
Company: Forest Research

Imprint: Swindon Advertiser, 2014  
Main subject: SHRUBS  
Subjects: FCRA STAFF; 2015-FR-CAT-9  
Abstract: (Shelagh McCartan)...stills. It was also a useful if unlikely burglar deterrent - the prickly boughs were once used as a substitute for barbed wire. Plans are in place across the UK to slow the shrub's rapid decline. In Scotland, Plantlife have carried out trials with Forest Research testing ways to encourage regeneration of populations using cattle grazing and removing the top layer of the ground. Plantlife Cymru has produced the Wales Juniper Inventory, the first comprehensive list of all know juniper...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 17/04/2015 B00000115

Record ID 4010788

**Title: Stackyard.com, media coverage, 30th April 2014.**

Other titles: Sitka spruce breeding co-operative launched

Imprint: 2014

Main subject: TREE BREEDING

Subjects: 2015-FR-CAT-9

Abstract: ...not-for-profit co-operative. Sitka Coop Directors Alan Harrison, Steve Lee, Mike Harvey and Tim Liddon The founder members of the new Sitka Co-op are those that have been heavily involved in the production of full sibling Sitka spruce including The Forestry Commission and Forest Research together with representatives from the private sector namely Maelor Forest Nurseries and UPM Tilhill. Steve Lee of Forest Research and Chairman of the new Co-op said: "I am delighted that the Co-op has...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010789

**Title: TIMBERWeb, media coverage, 2nd May 2014.**

Other titles: UK - Sitka Spruce breeding co-operative launched

Imprint: TIMBERWeb, 2014

Main subject: TREE BREEDING

Subjects: 2015-FR-CAT-9

Abstract: ...Spruce Breeding Co-operative is a new limited company that has been formed as a not-for-profit co-operative. The founder members of the new Sitka Co-op are those that have been heavily involved in the production of full sibling Sitka spruce including The Forestry Commission and Forest Research together with representatives from the private sector namely Maelor Forest Nurseries and UPM Tilhill. Steve Lee of Forest Research and Chairman of the new Co-op said: "I am delighted that the Co-op has...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010790

**Title: BBC Countryfile Magazine - Online, 2nd May 2014.**

Other titles: Help study wildlife

Author: Bromilow Nicklen, J.

Company: BBC

Imprint: 2014  
Main subject: WILDLIFE  
Subjects: 2015-FR-CAT-9  
Abstract: ...timber, help regulate flooding and soil erosion. Yet in recent years the number of pests and diseases attacking them has increased, leading to a decline in tree health. Citizen research is vital to help reduce the spread of disease. This survey, set up by OPAL, Forest Research, and the Forest Environment Research Agency, has a focus on ash, oak and horse chestnut. Want to know how to measure the height of a tree easily? Download a survey guide.  
[www.opalexplorenature.org/treesurvey](http://www.opalexplorenature.org/treesurvey)

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010791  
**Title: TTJ - Online, 7th May 2014.**  
Other titles: New head of Forest Research in Wales  
Imprint: 2014  
Main subject: FOREST RESEARCH  
Subjects: 2015-FR-CAT-9  
Abstract: Forest Research, the research agency of the Forestry Commission, has appointed Tom Jenkins as head of the agency in Wales. He replaces Professor Hugh Evans, who is retiring from the post. Mr Jenkins joined Forest Research in February 2009 from Bangor University and prior to his new appointment...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010792  
**Title: Surrey Advertiser - Online, 10th May 2014.**  
Other titles: Broadleaved Trees in the Park  
Imprint: 2014  
Main subject: BROADLEAVED TREES  
Subjects: 2015-FR-CAT-9  
Abstract: ...Isles. This course will use the extensive collection of specimen trees in Bushy Park. We will look at features such as leaves, bark, flowers and fruits which can be used to identify the more common species. Matt Parratt is a tree regeneration researcher for Forest Research and has a particular interest in conifers. Tickets and Pricing Tickets cost £35. For further information on the course or to book your place use the Field Studies Council web site. If you are unable to find the information...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115  
Updated: 20/04/2015 B00000115

Record ID 4010793  
**Title: Smallholder - Online, 14th May 2014.**  
Other titles: Is ash dieback here to stay?  
Imprint: 2014  
Main subject: DISEASES  
Subjects: CHALARA; 2015-FR-CAT-9

Abstract: ...monitor for genetic resistance to ash dieback. Establishing a tree procurement programme which will ensure all trees planted by the Woodland Trust and supplied to the public and landowners are of traceable UK origins. Working in partnership with the Forestry Commission, Forest Research, Defra, Fera and the National Trust on Observatree; a EU Life+ funded project to establish a tree health early warning system. The Woodland Trust has already recruited over 100 volunteers who will help verify...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010794

**Title:** **Ross-hire Journal - Online, 19th May 2014.**

Other titles: Black Isle forest spraying set to start

Imprint: 2014

Main subject: DISEASE CONTROL

Subjects: FUNGICIDE; DOTHISTROMA NEEDLE BLIGHT; FORESTRY COMMISSION SCOTLAND; 2015-FR-CAT-9

Abstract: FUNGICIDE will be sprayed from the skies onto a Black Isle forest next month as part of a trial to rid pine woodlands of a serious disease. Forestry Commission Scotland is planning to conduct the second of three annual trials in Millbuie Forest in June to test whether the aerial application of a fungicide could potentially mitigate the impact of Dothistroma needle blight. The 14-hectare...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010795

**Title:** **Forestry and Timber News, 1st June 2014**

Other titles: Early results positive for short rotation forestry trials

Imprint: 2014

Main subject: SHORT ROTATION COPPICE

Subjects: 2015-FR-CAT-9

Abstract: Early results positive for short rotation forestry trials. Update on short rotation forestry trials, by Helen McKay and Alan Harrison, Forest Research. The UK has a 2020 target for 15 % of its energy use to be generated from renewable sources, including biomass. It has been suggested that short rotation forestry (SRF) has the potential to deliver greater volumes of biomass from the same land area than alternative biomass crops. SRF is the practice of cultivating fast-growing trees ...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010796

**Title:** **TTJ - Online, 1st June 2014.**

Other titles: New head of Forest Research in Wales

Imprint: 2014

Main subject: FOREST RESEARCH

Subjects: 2015-FR-CAT-9

Abstract: Forest Research, the research agency of the Forestry Commission, has appointed Tom Jenkins as head of the agency in Wales. He replaces Professor Hugh Evans, who is retiring from the post. Mr Jenkins joined Forest Research in

February 2009 from Bangor University and prior to his new appointment was deputy programme group manager in the Forest Mensuration, Modelling and Forecasting group, which is responsible for the research and development of forest measurem...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010797

**Title: Garden Centre TV, 4th June 2014.**

Other titles: New biological pest control of insects that threaten tree health

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: ...manipulation for biological control of insects and other arthropod pests. Attractant compounds will also be used to improve pest monitoring and deployed in mass trapping programmes. The project is a collaboration between University of Swansea, Fera and Forest Research (Northern Research Station, Roslin, Midlothian). Pest control is still heavily dependent upon the use of chemical insecticides, but pressure is increasing to develop environmentally friendly products and strategies. Key drivers...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010798

**Title: London 24 - Online, 8th June 2014.**

Other titles: Council issues caterpillar warning

Author: Mann, S.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: The caterpillars' hairs pose a danger of irritation. Picture: Dave Williams Forest Research Photo Library Crown copyright Caterpillars capable of causing painful skin rashes have made their homes oak trees across west London, a local authority has said. Ealing Council have warned residents and visitors to affected...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010799

**Title: North Star - Online, 12th June 2014.**

Other titles: Forestry Commission to test chemical in Black Isle wood

Imprint: 2014

Main subject: CHEMICAL ECOLOGY

Subjects: FOREST ENTERPRISE SCOTLAND; MONITORING; 2015-FR-CAT-9

Abstract: ...2,500-hectare Millbuie Forest managed by Forest Enterprise Scotland - follows a similar test last year on a five-hectare Scots pine site near Elgin. The aerial application itself will take less than an hour but the associated initial monitoring work by Forest Research will take a day to complete. It had been due to take place on one day between June 3 and June 13 but the spraying did not go ahead

because of unsuitable weather conditions. The commission has extended the trial period and hopes...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 20/04/2015 B00000115

Record ID 4010800

**Title: Media coverage, Garden Centre TV, 17th June 2014.**

Other titles: New approaches for the early detection of tree health pests and pathogens

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: A new project sees Fera collaborating with other UK scientists and industry partners to improve national biosecurity. Working alongside the Centre for Ecology and Hydrology, Forest Research, James Hutton Institute, Rutherford Appleton Laboratories, and the Universities of Aberdeen, Oxford, Exeter, Greenwich, Hertfordshire, St. Andrews and Worcester, the Fera-led project will help protect plants and trees by developing...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010801

**Title: Media coverage, Crown Estate, 19th June 2014.**

Other titles: The Education Project

Imprint: 2014

Main subject: EDUCATION

Subjects: 2015-FR-CAT-9

Abstract: ...4,870 pupils from 128 schools across the UK visited our rural spaces and planted 1,265 trees during 2011/12. Forests for the Future was developed in partnership with the Forestry Commission (Scotland and England), the Royal Highland Education Trust, Forest Research, Farming And Countryside (FACE) and Westonbirt the National Arboretum. Interactive marine offshore wind education resource. Part of the established 'U-Explore' website, which seeks to bridge the gap between education and employment...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010802

**Title: Media coverage, The Western Mail, 28th June 2014.**

Other titles: The Ash tag get well soon.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: "EVERYONE makes mistakes; it's why they put rubbers on the ends of pencils". This is what my brother reminded me when I had a phone call in work last week from the very pleasant and polite Chris Jones, senior tree protection and forest research manager for Natural Resources Wales. He had read my recent article about my concerns for the struggling ash trees and was keen to assure me that (in the majority of cases) it wasn't ash die-back as I had indicated...

Country: uk  
Bib type: M

GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010803  
**Title: Media coverage, Wales Online, 28th June 2014.**  
Other titles: Green Scene  
Author: Allbutt, L.  
Imprint: 2014  
Main subject: TREE HEALTH  
Subjects: 2015-FR-CAT-9  
Abstract: "EVERYONE makes mistakes; it's why they put rubbers on the ends of pencils". This is what my brother reminded me when I had a phone call in work last week from the very pleasant and polite Chris Jones, senior tree protection and forest research manager for Natural Resources Wales. He had read my recent article about my concerns for the struggling ash trees and was keen to assure me that (in the majority of cases) it wasn't ash die-back as I had indicated...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010804  
**Title: Media coverage, Forestry Journal, 1st July 2014.**  
Other titles: Forest and water teach-in for UKFPA.  
Imprint: 2014  
Main subject: POLLUTION  
Subjects: 2015-FR-CAT-9  
Abstract: Against a background of increasing focus on water on harvesting sites, and the subject of diffuse pollution in particular, members of the UK Forest Products Association arranged a one-day continuing professional development event in conjunction with Forestry Commission Scotland. Working in partnership with Julia Garritt of Forestry Commission Scotland, a team of experts from FC Scotland, Forest Research and the Scottish Environment Protection Agency (SEPA)...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010805  
**Title: Conference Report in the Quarterly Journal of Forestry, 1st July 2014**  
Author: Macdonald E.  
Imprint: Quarterly Journal of Forestry, 2014  
Main subject: TIMBER AND WOOD PRODUCTS  
Subjects: 2015-FR-CAT-9  
Abstract: Elspeth Macdonald of Forest Research shared data on the properties of selected softwoods and listed the factors that explain variations in timber quality. The lesson is that to grow good quality timber, practice good silviculture: select species and provenance suited for the site, use appropriate spacing, selectively thin and extend the rotation length where possible. As an example, Elspeth provided some helpful tips to avoid shake in oak. It was a salutary lesson for woodland owners considering alternative species as part of a diversification play. It was encouraging to hear Nick Hoare...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115



Record ID 4010806  
**Title:** **Media coverage in the Quarterly Journal of Forestry, 1st July 2014**  
Other titles: Features - The Living Ash Project: a new breeding programme for ash  
Imprint: Quarterly Journal of Forestry, 2014  
Main subject: TREE HEALTH  
Subjects: 2015-FR-CAT-9  
Abstract: Following the outbreak of Chalara ash dieback in October 2012, a consortium of researchers has come together to form The Living Ash Project. Their aim is to secure the future of resilient, productive ash trees in Britain. Jo Clark reports on this new Defra-funded five year programme of research. In October 2013 the Living Ash Project was launched, led by Earth Trust and working with Forest Research, Future Trees Trust and the Sylva Foundation. The project, funded by Defra with in-kind contributions from the partners, has the overall aim of finding trees tolerant of Chalara ash dieback and to bring them together in a breeding programme. The partners have been working on ash breeding for over twenty years. Ash was the first species that the Future Trees Trust started work with in 1993, when they established four progeny trials for ash of British origin. Forest Research planted provenance trials in 1995 of UK and European origins, and an EU funded project called RAP (Realising Ashes Potential) established a Europe-wide provenance collection from across the geographic range of ash in 2003. In addition, in 2007 Forest Research established trials from each of the 24 UK native seed zones under their genetic conservation programme. Five trials looking at adaptation to climate change were planted from Inverness to the Pyrenees in 2009 by Earth Trust. More recently, the Future Trees Trust have selected over 400 trees of outstanding phenotype for...  
Another work programme is concerned with the mass screening of the seed collected in 2012 from our tested seed orchards. This programme is being led by Forest Research. The seed will enter stratification summer 2014 with the expectation of establishing seedling trials spring 2016. Forest Research will be looking for three sites each of 2.5ha in the east of England where Chalara ash dieback is already present. Anyone interested in offering a planting site should contact Steve Lee (steve.lee@forestry.gsi.gov.uk). All establishment costs are covered by the Living Ash Project, but obviously, we are expecting the vast majority of seedlings to die. In another work programme we are carrying out phenological observations.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010807  
**Title:** **Media coverage, Scotsman.com, 11th July 2014.**  
Other titles: Root and branch bid to save Scots pines  
Author: Amos, I.  
Imprint: Scotsman.com, 2014  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: (Roger Moore)...pine tree lappet moth, a native of continental Europe and Asia that only became established north of the Border in 2008. As well as helping to preserve the last 10 per cent of the Caledonian pine forest, the Protree studies aim to boost the forestry and timber industry. The sector provides around 40,000 jobs and is worth an estimated £1.7 billion to the Scottish economy.

Country: uk  
Bib type: M  
GMD: Media

Entered: 21/04/2015 B00000115

Record ID 4010808

**Title:** **Edinburgh Evening News - Online, 11th July 2014.**

Other titles: Root and branch bid to save Scots pines

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: ...pine tree lappet moth, a native of continental Europe and Asia that only became established north of the Border in 2008. As well as helping to preserve the last 10 per cent of the Caledonian pine forest, the Protree studies aim to boost the forestry and timber industry. The sector provides around 40,000 jobs and is worth an estimated £1.7 billion to the Scottish economy.

Country: uk

Bib type: M

GMD: Media

Entered: 21/04/2015 B00000115

Record ID 4010809

**Title:** **Planet Earth - Online, 14th July 2014.**

Other titles: London heat boost underestimated

Imprint: 2014

Main subject: URBAN AREAS

Subjects: 2015-FR-CAT-9

Abstract: to 4°C cooler than in the streets nearby. So the St James' Park measurements might have dramatically underestimated the urban heat island in the capital. 'In the summer time, built-up areas effectively act like a storage heater,' says Dr Kieron Doick of Forest Research, the research agency for the UK Forestry Commission, who led the research. 'They store up heat during the day and release it at night.' The extra heat can pose a real health risk, so it's important to understand the impact that...

Country: uk

Bib type: M

GMD: Media

Entered: 21/04/2015 B00000115

Record ID 4010810

**Title:** **The Press & Journal, 19th July 2014.**

Other titles: Scientists keep tabs on mysterious newcomer

Author: Kerr

Co-author: David

Imprint: 2014

Main subject: CONSERVATION

Subjects: 2015-FR-CAT-9

Abstract: Conservation: Study will find it moth is danger to Scots pine. A recently discovered moth has been placed under supervision over fears that it could damage an iconic Scots tree. Forestry Commission Scotland is stepping up precautionary surveillance of the pine tree lappet moth until more is known about its potential to cause damage to pine trees in the Highlands. They are particularly concerned about its effect.

Country: uk

Bib type: M

GMD: Media

Entered: 21/04/2015 B00000115

Record ID 4010811

**Title:** **The Press & Journal, 19th July 2014.**  
Other titles: Scientists in flutter over new moth  
Author: Kerr  
Co-author: David  
Imprint: 2014  
Main subject: CONSERVATION  
Subjects: 2015-FR-CAT-9  
Abstract: Conservation: Study to find if pines damaged. A recently discovered moth has been placed under supervision over fears that it could damage an iconic Scots tree. Forestry Commission Scotland is stepping up precautionary surveillance of the pine tree lappet moth until more is known about its potential to cause damage to pine trees in the Highlands. They are particularly concerned about its effect on native...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010812  
**Title:** **The Press & Journal, 19th July 2014.**  
Other titles: Action over threat to pine trees  
Author: Kerr  
Co-author: David  
Imprint: 2014  
Main subject: CONSERVATION  
Subjects: 2015-FR-CAT-9  
Abstract: Woodland: Moth put under surveillance. A recently discovered moth has been placed under supervision over fears that it could damage an iconic Scots tree. Forestry Commission Scotland is stepping up precautionary surveillance of the pine tree lappet moth until more is known about its potential to cause damage to pine trees in the Highlands. It is particularly concerned about its effect on native...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010813  
**Title:** **Compute Scotland, 21st July 2014.**  
Other titles: Tree mapping UK forest diseases  
Imprint: 2014  
Main subject: TREE HEALTH  
Subjects: 2015-FR-CAT-9  
Abstract: Above: Bluesky Tree Map helps identify diseases in UK trees. Below Dead pine tree with symptoms of pine wilt. Courtesy: P. Donald. Funded by the Natural Environment Research Council (NERC) and supported by Forest Research, the study will investigate the use of aerial photography, thermal imaging and airborne laser mapping systems to improve the identification of diseases, determine the accuracy of identification and inform responses to disease outbreaks....  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010814  
**Title:** **Horticulture Week - Online, 22nd July 2014.**  
Other titles: Monitoring of potentially damaging pine moth to be stepped up

Imprint: 2014  
Main subject: DISEASES  
Subjects: 2015-FR-CAT-9  
Abstract: Forestry Commission Scotland is stepping up precautionary surveillance of the pine tree lappet moth, with a view to containing its geographic range. Lappet moth caterpillar - image:Guido Bohne Forest Research says it has not yet managed to...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010815  
**Title: Lestyns' Technology Soapbox - 26th July 2014.**  
Other titles: Bluesky Tree Map helps identify diseases in UK trees  
Author: Armstrong-Smith, L.  
Imprint: 2014  
Main subject: DISEASES  
Subjects: 2015-FR-CAT-9  
Abstract: Bluesky, creator of the first ever National Tree Map, is working with researchers at the University of Leicester and Forest Research, the research agency of the Forestry Commission, to investigate the use of airborne mapping systems to identify diseases in trees. The health of UK forestry has been in the news for many years with Phytophthora ramorum affecting larch trees, Chalara dieback of ash and Dothistroma needle blight on pine trees, all generating headlines. Funded by the Natural Environment...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010816  
**Title: East Anglian Daily Times - 28th July 2014.**  
Other titles: Clone banks keeping popular rare tree's account in the black  
Imprint: 2014  
Main subject: TREE SEEDS  
Subjects: 2015-FR-CAT-9  
Abstract: ...the winter of 2012/2013, and valuable lessons had been learned about the specific requirements of the species, he said. Cuttings were currently in their second growing season and, following DNA testing carried out by the Forest Research arm of the Forestry Commission, the bank was known to contain 14 different genome types. After pollarding, the cuttings would be transferred to a nearby nursery plot and in perhaps four years time they would be ready for a new life in suitable habitat...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010817  
**Title: Compute Scotland - 30th July 2014.**  
Other titles: Green thought: green shade  
Imprint: 2014  
Main subject: CLIMATE CHANGE  
Subjects: 2015-FR-CAT-9

Abstract: (Michal Petr)...Boerboom added: "Although this study does not provide the complete picture, it is the first time we have quantified risk in Great Britain, on which policy makers and foresters should act." Dr Mark Broadmeadow, principal climate change adviser for Forestry Commission England commented "We welcome this valuable contribution to our well-developed programme of research into, and understanding of, the likely effects of climate change on British forests. It will add significant value to the guidance..."

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010818

**Title: Sudbury Mercury - 31st July 2014.**

Other titles: Clone banks keeping popular rare tree's account in the black

Imprint: 2014

Main subject: TREE SEEDS

Subjects: 2015-FR-CAT-9

Abstract: ...place in the winter of 2012/2013, and valuable lessons had been learned about the specific requirements of the species, he said. Cuttings were currently in their second growing season and, following DNA testing carried out by the Forest Research arm of the Forestry Commission, the bank was known to contain 14 different genome types. After pollarding, the cuttings would be transferred to a nearby nursery plot and in perhaps four years time they would be ready for a new life in suitable habitat across...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010819

**Title: East Anglian Daily Times - Online, 31st July 2014.**

Other titles: Clone banks keeping popular rare tree's account in the black

Imprint: 2014

Main subject: TREE SEEDS

Subjects: 2015-FR-CAT-9

Abstract: ...place in the winter of 2012/2013, and valuable lessons had been learned about the specific requirements of the species, he said. Cuttings were currently in their second growing season and, following DNA testing carried out by the Forest Research arm of the Forestry Commission, the bank was known to contain 14 different genome types. After pollarding, the cuttings would be transferred to a nearby nursery plot and in perhaps four years time they would be ready for a new life in suitable habitat across...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010820

**Title: Ipswich Star - Online, 31st July 2014.**

Other titles: Clone banks keeping popular rare tree's account in the black

Imprint: 2014

Main subject: TREE SEEDS

Subjects: 2015-FR-CAT-9

Abstract: ...place in the winter of 2012/2013, and valuable lessons had been learned about the specific requirements of the species, he said. Cuttings were currently in their

second growing season and, following DNA testing carried out by the Forest Research arm of the Forestry Commission, the bank was known to contain 14 different genome types. After pollarding, the cuttings would be transferred to a nearby nursery plot and in perhaps four years time they would be ready for a new life in suitable habitat across...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010821

**Title: Forestry and Timber News - 1st August 2014.**

Other titles: Whole industry support needed for effective tree breeding and research

Imprint: 2014

Main subject: TREE BREEDING

Subjects: 2015-FR-CAT-9

Abstract: NURSERY PRODUCERS GROUP

Whole industry support needed for effective tree breeding and research. Confor facilitated a second annual forest seed and nursery industry meeting in June 2014, well attended by Confor and HTA nurseries, the forest seed industry, Forest Research, Forestry Commission England, Forestry Commission Scotland and Natural Resources Wales. The main topic of discussion was the great concern about the lack of funding for Forest Research, in particular the dramatic decline in the...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010822

**Title: Telegraph.co.uk - 5th August 2014.**

Other titles: Japanese red cedars to replace Britain's traditional oaks in fight against climate change

Author: Carter, C.

Imprint: 2014

Main subject: FORESTRY

Subjects: 2015-FR-CAT-9

Abstract: (Michal Petr)...the composition of Britain's woodlands by 2080, forest production could decrease by more than 40 per cent as current trees struggle to survive. Scientists at the University of Twente, in the Netherlands, and at Forest Research, the research agency of the Forestry Commission, estimate forests could be reduced by 42 per cent by the 2080s because of climate change. They studied spruce, pine and oak – which make up 59 per cent of British forests – and found that new species would be needed to maintain...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115  
Updated: 21/04/2015 B00000115

Record ID 4010823

**Title: The Daily Telegraph - 6th August 2014.**

Other titles: Giant redwood may replace oak to save British forests

Author: Carter, C.

Imprint: 2014

Main subject: FORESTRY

Subjects: 2015-FR-CAT-9  
Abstract: ...also expected to return as foresters endeavour to ensure Britain's woods can survive rising temperatures, frequent droughts and diseases. Scientists at the University of Twente, in the Netherlands, and at Forest Research, the research agency of the Forestry Commission, studied spruce, pine and oak, which make up 59 per cent of British forests. John Weir, of the Forestry Commission, said the results of the study underpinned plans for foresters to safeguard Britain's forest...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010824  
**Title:** **Mail Online - 7th August 2014.**  
Other titles: Will mighty redwoods replace the British oak? Forestry experts want foreign species planted to help ensure woodlands survive.  
Author: Johns, S.  
Imprint: 2014  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: ...return after not being planted for the last few hundred years. Different varieties of oak and pines that exist in the UK will also be planted. Scientists at the University of Twente, in the Netherlands, and at Forest Research, the research agency of the Forestry Commission, estimate that forests could be reduced by 42 per cent by the 2080s because of climate change. They studied spruce, pine and oak, which make up 59 per cent of British forests, and found that new species would be needed to...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010825  
**Title:** **Pitchcare Online - 11th August 2014.**  
Other titles: Japanese red cedars to replace Britain's traditional oaks in fight against climate change  
Imprint: 2014  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: ...the composition of Britain's woodlands by 2080, forest production could decrease by more than 40 per cent as current trees struggle to survive. Scientists at the University of Twente, in the Netherlands, and at Forest Research, the research agency of the Forestry Commission, estimate forests could be reduced by 42 per cent by the 2080s because of climate change. They studied spruce, pine and oak - which make up 59 per cent of British forests - and found that new species would be needed to maintain...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010826  
**Title:** **Quarterly Journal of Forestry - 21st August 2014.**  
Other titles: Divisional Activity: Gloucestershire Division Westonbirt Arboretum.  
Imprint: 2014  
Main subject: TREE PLANTING

Subjects: 2015-FR-CAT-9  
Abstract: Thirty species of different provenances are being planted at several sites, which will provide an opportunity to test the performance of current British species at more southerly sites and to test species new to this country. The trial sites extend from southern Portugal to northern Scotland, under the overall title of REINFFORCE and are being paralleled by Forest Research trials. The REINFFORCE trial sites are planted at a density of around 1100 stems per hectare at 3x3m spacing. Analysis will be across sites rather than between species within sites, although four species (silver birch, pedunculate oak, maritime pine and Atlas cedar) will be replicated three times on each site to provide a measure of in-site variability. The FR trials will contain variable numbers of provenances of 24 species to be laid out in a randomised block design using 49-tree plots planted at 2x2m spacing, replicated three times. There is not a great deal to be seen yet, though the list of species being trialled included some surprises "such as three varieties of gum-tree, eight varieties of pine (including Pinus elliotti, P peuce, P pinea and P taeda) and Chinese fir (Cunninghamia lanceolata). The returns to these trials can only be long-term, but conceivably trail blazing.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010827  
**Title: Quarterly Journal of Forestry - 21st August 2014.**  
Other titles: SilviFuture growing stronger  
Imprint: 2014  
Main subject: TREE PLANTING  
Subjects: 2015-FR-CAT-9  
Abstract: SilviFuture growing stronger SilviFuture marked Climate Week (3-7 March) by unveiling a new look for its free knowledge-sharing database for woodland growers wanting to identify and plant resilient tree species "and launched an appeal for added data! The SilviFuture database ([www.silvifuture.org.uk](http://www.silvifuture.org.uk)) now contains information on over 700 stands and has been greatly improved with better information on tree species and clear prioritisation to help guide data collection effort. SilviFuture is now asking woodland owners and managers to help by uploading their information into the database so that it better supports owners by representing a wide cross section of woods across Britain. SilviFuture is a collaboration between the Forestry Commission, Forest Research, Royal Forestry Society, Sylva Foundation and Silvanus Trust to provide woodland owners and managers with online information on a range of novel tree species, and where and how they grow in Britain. The aim is to support woodlands owners aiming to increase the resilience of their woods by planting more diverse species.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010828  
**Title: Quarterly Journal of Forestry - 21st August 2014.**  
Other titles: Features - SilviFuture  
Imprint: 2014  
Main subject: TREE PLANTING  
Subjects: 2015-FR-CAT-9  
Abstract: Promoting and sharing knowledge of novel forest species. Gabriel Hemery, Richard Jinks, Simon Lloyd, Jez Ralph and John Weir explain



the concept behind an online network promoting and sharing knowledge about novel forest species, and encourage woodland owners to get involved.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010829

**Title: Quarterly Journal of Forestry - 21st August 2014.**

Other titles: Launch of SilviFuture

Imprint: 2014

Main subject: TREE SPECIES

Subjects: 2015-FR-CAT-9

Abstract: Launch of SilviFuture A new interactive database featuring novel tree species, identified for their potential productivity and resistance to environmental change was launched in September at the RFS stand at the Confor Woodland Show. SilviFuture has been developed jointly by Sylva Foundation, Forest Research, Forestry Commission and Silvanus Trust, and is supported by the RFS. Gabriel Hemery from Sylva Foundation and Jez Ralph from Silvanus Trust were on hand at the show to explain to forest owners, managers and others the benefits of contributing data to the network. For more information go to [www.silvifuture.org.uk](http://www.silvifuture.org.uk) and see the article on page 43 on this issue of QJF.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010830

**Title: Civil Engineering Surveyor - 1st September 2014.**

Other titles: Just how green is our green and pleasant land?

Author: Clark, F.

Imprint: 2014

Main subject: TREES

Subjects: 2015-FR-CAT-9

Abstract: Following the completion of the National Tree Map, Faith Clark explores how airborne mapping sensors provide better intelligence for the management and protection of some of our most valued resources. EARLIER this year, the first National Tree Map revealed just how green and pleasant different areas of England and Wales actually are, and there are some surprises to be had. Top of the crops in terms of tree cover, local authority districts Surrey Heath and Waverly top the charts at numbers one and two respectively; both with over 40%! Leafy Surrey, with some of the highest house prices in the UK, is also home to five other districts ranked in the top ten for tree cover. Neath Port Talbot flies the Welsh flag with a chart topping 32% while aptly named Bracknell Forest and New Forest District Councils hold the remaining top ten places. At the other end of the spectrum, and ranked at the bottom of the table with just over 2% tree cover are Lincolnshire districts Boston and South Holland. Neighbouring rural Fenland and East Cambridgeshire also fall within the bottom 10 districts for tree cover as, possibly less surprisingly, does the City of London.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115

Record ID 4010831

**Title: Forestry Journal - 1st September 2014.**

Other titles: Forest resilience: Today's challenge to our sector  
Imprint: 2014  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: A question which foresters increasingly ask us is: "OK, the climate is changing, and there are new pests and diseases about, so what should I be planting? " Britain's woodlands have long been planted and managed in the presumption that their environment will remain relatively stable. But as our enquirers recognise, that presumption no longer applies. Climate change and new pests and diseases present a significant challenge, while old threats, such as grey squirrels and deer overpopulation, remain. More than ever, woodland managers need the knowledge and skills to establish and manage woodland which not only thrives in current conditions, but will also be resilient in future. The Forestry Commission, including Forest Research, is on the case. Woodland resilience is a priority for research, training and development, guidance and policy. And whilst research and discussions about the concept of resilience continue, our current evidence base can support a number of recommendations now. In a new twist to the foresters' mantra 'the right tree in the right place', we are looking anew at the species we plant and whether we should be considering species which are currently used less frequently. When considering native species, it is recommended that seed be used of an origin of between 2 to 5 degrees south of that currently used. Diversity "of species, genetics within species, age structure and stand structure "is also seen as key to ensuring resilient woodlands. Two online tools have been developed with Forest Research to help make more informed species choices. The Ecological Site Classification tool ([www.eforestry.gov.uk/forestdss](http://www.eforestry.gov.uk/forestdss)) is designed to help forest managers and planners, whilst Right Trees for a Changing Climate ([www.righttrees4cc.org.uk](http://www.righttrees4cc.org.uk)) is aimed at landscape designers and developers to help decide which trees are suitable to plant in urban areas.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 21/04/2015 B00000115  
Updated: 21/04/2015 B00000115

Record ID 4010832

**Title: Media coverage - Farming Monthly - 1st September 2014.**

Other titles: Forestry Commission  
Imprint: 2014  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: ...have staff to guide you through the latest | information on grants and funding available for landowners, forestry businesses, timber and woodfuel, contractors, agents and consultants and timber processors. The Commission will be there to:  
• Provide information on the latest from Forest Research,  
• Share insight into planting a range of species for forestry resilience  
• Update on the latest plant health work around tree pests and diseases  
• Give advice on support for developing forestry skills and how to get into forestry and arboriculture  
We look forward to meeting you!

Country: uk  
Bib type: M  
GMD: Media  
Entered: 23/04/2015 B00000115

Record ID 4010833  
**Title:** **Forestry Journal - 1st September 2014.**  
Other titles: Notice Board  
Redistribution of tree species  
Imprint: 2014  
Main subject: TREE SPECIES  
Subjects: 2015-FR-CAT-9  
Abstract: Scientists at the University of Twente and at Forest Research, the research agency of the Forestry Commission, used the UK Climate Projections 2009 data in models to show reduction in forest production by up to 42% by the 2080s due to climate change. The researchers studied three major tree species "spruce, pine, and oak "which together make up 59%% of the British public forest area. Thanks to this new information, the forestry industry will be able to take into account future trends by redistributing tree species when restocking existing or planting new woodland.  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 23/04/2015 B00000115

Record ID 4010834  
**Title:** **Wales Online - 17th September 2014**  
Other titles: Conkers games in the Welsh playground face new threat... from tiny bugs from London!  
Author: Williams, S.  
Imprint: 2014  
Main subject: TREE HEALTH  
Subjects: 2015-FR-CAT-9  
Abstract: ...Although it has been played in Welsh playgrounds for centuries, in recent years it has been banned from many schools due to fears of eye, hand and arm injuries from the propelled conker nuts. Now Professor Hugh Evans, who leads the project for Forest Research in Wales, says the horse chestnut tree itself is in jeopardy because the leaf miner bug disfigures horse chestnut tree leaves as it feeds by "mining" inside them, causing the leaves to go brown in mid or late summer. Loved playing...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 23/04/2015 B00000115

Record ID 4010835  
**Title:** **South Wales Echo - 18th September 2014**  
Other titles: Conkers leaf bug put an end to games of conkers?  
Author: Williams, S.  
Imprint: 2014  
Main subject: TREE HEALTH  
Subjects: 2015-FR-CAT-9  
Abstract: ...Although it has been played in Welsh playgrounds for centuries, in recent years it has been banned from many schools due to fears of eye, hand and arm injuries from the propelled conker nuts. Now Professor Hugh Evans, who leads the project for Forest Research in Wales, says the horse chestnut tree itself is in jeopardy because the leaf miner bug disfigures horse chestnut tree leaves as it feeds by "mining" inside them, causing the leaves to go brown in mid or late summer. Loved playing...  
Country: uk  
Bib type: M

GMD: Media  
Entered: 23/04/2015 B00000115

Record ID 4010836

**Title:** **The Western Mail - 18th September 2014**

Other titles: Could it be end of the line for a game of conkers?

Author: Williams, S.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: ...Although it has been played in Welsh playgrounds for centuries, in recent years it has been banned from many schools due to fears of eye, hand and arm injuries from the propelled conker nuts. Now Professor Hugh Evans, who leads a project for Forest Research in Wales, says the horse chestnut tree itself is in jeopardy because the leaf miner bug disfigures its leaves as it feeds by "mining" inside them, causing the leaves to go brown in mid or late summer. Prof Evans said: "Many...

Country: uk

Bib type: M

GMD: Media

Entered: 23/04/2015 B00000115

Record ID 4010837

**Title:** **South Wales Evening Post - 19th September 2014**

Other titles: Conker study reveals threat

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: PLAYGROUND conker contests face a new threat from tiny bugs, according to research from Swansea University. Researchers from Impact, a team which also includes scientists from Forest Research in Wales and the National University of Ireland, say the horse chestnut tree itself is in jeopardy because the leaf miner bug disfigures horse chestnut tree leaves as it feeds by "mining" inside them, causing the leaves to go brown...

Country: uk

Bib type: M

GMD: Media

Entered: 23/04/2015 B00000115

Record ID 4010838

**Title:** **Wales Online - 24th September 2014**

Other titles: Kids prefer playstations to conkers these days...they don't know what they're missing

Author: O'Neill, D.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: ...week. But what a tragedy if true, I thought. There it was, a headline hinting at doom and disaster to come: "Could Leaf Bug Put An End To Games Of Conkers?" That question came straight from the horse's – or horse chestnut's – mouth. Professor Hugh Evans of Forest Research in Wales reveals that the nut known to no one in Grangetown as Aesculus hippocastanum is being attacked by larvae of Cameraria ohridella. Blimey, there's culture, innit. Yes, the leaf miner moth is nibbling away at our conker tree...

Country: uk

Bib type: M  
GMD: Media  
Entered: 24/04/2015 B00000115

Record ID 4010839  
**Title: News Wales Online - 24th September 2014**  
Other titles: Swansea University researcher wins Royal Society Research Fellowship  
Imprint: 2014  
Main subject: ECOSYSTEM MANAGEMENT  
Subjects: 2015-FR-CAT-9  
Abstract: Dr Jacqueline Rosette, Swansea University geography researcher has been rewarded by the Royal Society with a University Research Fellowship. Jacqueline recently worked at NASA on carbon assessment in the USA and seasonal effects in the Amazon, and at Forest Research Northern Research Station on methods to improve our ability to monitor the UK's public forests. Dr Rosette specialises in research involving the assessment of forest ecosystems using satellite and airborne remote sensing. In particular...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 24/04/2015 B00000115

Record ID 4010840  
**Title: Wales Online - 25th September 2014**  
Other titles: Why describing an area as leafy may not mean what you think...the results of Wales' first survey of urban trees are in...  
Author: Williams, S.  
Imprint: 2014  
Main subject: URBAN TREES  
Subjects: 2015-FR-CAT-9  
Abstract: ...trees we have in our urban spaces, the better for wildlife, the better for us." He said the survey shows how many trees we have and where they are being lost over time, to help inform how to manage urban trees in a better way. Natural Resources Wales, Forest Research and Wrexham County Borough Council also piloted the first study in Wales to find the true value of the County Borough's urban trees. The i-Tree Eco study found that in total, Wrexham's trees save the local economy more than £1.2m...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 24/04/2015 B00000115

Record ID 4010841  
**Title: Aberdare - Online - 25th September 2014**  
Other titles: 'World first' survey reveals the benefit of urban trees in Wales  
Imprint: 2014  
Main subject: URBAN TREES  
Subjects: 2015-FR-CAT-9  
Abstract: ...Treharris. The study also identified that in a quarter of towns in Wales the tree canopy cover declined between 2006 and 2009 – with more than 11,000 large trees lost altogether. Alongside the study of tree canopies in urban areas, Natural Resources Wales, Forest Research and Wrexham County Borough Council also piloted the first study in Wales to find the true value of the County Borough's urban trees. The i-Tree Eco study found that in total, Wrexham's trees save the local economy more than £1.2...

Country: uk

Bib type: M  
GMD: Media  
Entered: 24/04/2015 B00000115

Record ID 4010842

**Title: Eastern Daily Press - 26th September 2014**

Other titles: We must protect and cherish our horse chestnuts

Author: Blincoe, K.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: ...efforts to spray the trees in order to eradicate the caterpillars. It was believed that a leaf miner infestation made a tree more susceptible to a much bigger threat, the yuckily, but aptly named bleeding canker disease. In fact, a study carried out by Forest Research revealed the link to be a red herring. Trees were not more likely to get canker if they were already suffering from a leaf miner infestation. Much resource and time had been wasted trying to control a relatively harmless...

Country: uk

Bib type: M

GMD: Media

Entered: 27/04/2015 B00000115

Record ID 4010843

**Title: Eastern Anglian Daily Times- 27th September 2014**

Other titles: Conkers, the brown jewels

Author: Blincoe, K.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: ..This led to recent efforts to spray the trees to eradicate the caterpillars. It was believed that a leaf miner infestation made a tree more susceptible to a much bigger threat, the aptly named bleeding canker disease. In fact, a study carried out by Forest Research revealed the link to be a red herring. Trees were not more likely to get canker if they were already suffering from a leaf miner infestation. Much resource and time had been wasted trying to control a relatively harmless affliction....

Country: uk

Bib type: M

GMD: Media

Entered: 27/04/2015 B00000115

Record ID 4010844

**Title: Quarterly Journal of Forestry - 1st October 2014**

Other titles: Ash dieback and loss of biodiversity. Can management make broadleaved woodlands more resilient?

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: Ash dieback and loss of biodiversity Can management make broadleaved woodlands more resilient? Alice Broome, Ruth Mitchell, Ralph Harmer evaluate the practical measures that might be taken to maintain biodiversity if we lose significant numbers of ash trees from our woodlands. Features Ash dieback is a serious tree disease caused by an invasive fungus from East Asia that has spread quickly across northern Europe where it has killed many ash trees during the last decade. We know the fungus as Chalara fraxinea, but rather confusingly

it is called *Hymenoscyphus pseudoalbidus* in other countries, the reasons for which are related to the complicated biology of the species, which can exist in sexual and asexual forms. Recently, taxonomists have been recommending that the correct name for both forms is *Hymenoscyphus fraxineus*. The disease was first confirmed in the UK in 2012 and at the time of writing has been found at 649 sites across the country with most infected, established woodland sites being in the east and south of England (Forestry Commission, 2014). Ash trees are an important and widespread component of our broadleaved woodlands, occurring as occasional groups of

Country: uk  
Bib type: M  
GMD: Media  
Entered: 27/04/2015 B00000115

Record ID 4010845

**Title:** **The Sunday Times- 19th October 2014**

Other titles: Make mine a London gin with a dash of conservation, by juniper

Author: Clover, C.

Imprint: 2014

Main subject: SEEDS

Subjects: 2015-FR-CAT-9

Abstract: ...rarity, this had to be cleared with Natural England, the government's conservation adviser. The quantities taken are small — a few thousand berries, not even a kilogram. Half have been set aside for gin, the rest for propagation by Forest Research, part of the Forestry Commission, and replanting on two parts of the Box Hill estate where they have all but died out. The fact is that the juniper is the panda of our native plants. It is not fond of reproduction. Breaking the juniper seed's dormancy...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 27/04/2015 B00000115

Record ID 4010846

**Title:** **Beuys terous - 23rd October 2014**

Other titles: Cosmos

Imprint: 2014

Main subject: CLIMATE CHANGE

Subjects: 2015-FR-CAT-9

Abstract: This looks beautiful, and densely packed with meaning! A mysteriously geometrically patterned surface on a sphere that appears like charcoal. The patterns relate to measurements of the take-up and loss of CO2 in trees. Semiconductor have unveiled their first ever public sculpture at Alice Holt Forest. Commissioned through the Jerwood Open Forest initiative, it is a significant new artwork and is the culmination of more than a year's research and development by Semiconductor who have collaborated

Country: uk  
Bib type: M  
GMD: Media  
Entered: 27/04/2015 B00000115

Record ID 4010847

**Title:** **Yateley Mail Hampshire - 30th October 2014**

Other titles: Making science tangible

Imprint: 2014

Main subject: CLIMATE CHANGE

Subjects: 2015-FR-CAT-9  
Abstract: Semiconductor' s Ruth Jarman and Joe Gerhardt at Alice Holt Forest, with giant sculpture Cosmos. THERE is definitely something lurking in the woods near Farnham after an otherworldly presence was detected at the Alice Holt Forest last week. Fear not though, for it was the work of art duo Semiconductor, who last Wednesday (October 22) unveiled their latest alien installation deep among the conifers. Ruth Jarman and Joe Gerhardt's imposing sculpture Cosmos-a vast grey orb buried at the heart of the forest-harks back to innumerable sci-fi flicks. It is the pair' s first public sculpture and was commissioned through the Jerwood Open Forest initiative, who teamed up with the Forestry Commission to bring Ruth and Joe' s vision to life. The piece follows a year' s research and development by Semiconductor, who have collaborated with scientists from Forest Research-the commission's scientific wing. Their work aims to explore the material nature of the world, namely, using scientific data to put the world in context and portray the relationship between science and the physical world. Ruth and Joe explained the spherical piece is based on a year' s worth of measurements of take up and loss of carbon dioxide from trees in the forest.. It is situated a 20-minute leisurely walk from the forest's visitor centre and will be open to the public for a number of years to come. Of their vast wooden creation, the pair said the piece was'scientific data made tangible: adding Cosmos sought hard to represent nature in a different light. "The definition of CosmosansitliTEOAK AN146452\_14 is a complete, orderly, harmonious system which refers to the sources working in harmony to make the forest what it is. " Jerwood Open Forest was launched in 2013, with support of public funding through Arts Council England's grants for the arts programme. The initiative saw artists invited to respond to landscapes of the Public Forest Estate, such as Alice Holt. Two £30,000 commissions were awarded in February this year, which included Cosmos.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 27/04/2015 B00000115

Record ID 4010848

**Title: Farmers Guardian - Online - 31st October 2014**

Other titles: The UK is safe from damaging forest pest

Author: Alston, B.

Imprint: 2014

Main subject: TREE HEALTH

Subjects: 2015-FR-CAT-9

Abstract: THE UK is said to be safe from the threat of one of the most invasive and damaging forest pests in the world, according to latest findings by scientists from Forest Research in Wales using a new computer modelling system. The latest information tool-kit has been developed in Wales, as part of the REPHRAME project, which aims to help reduce the impact of the pine wood nematode to the pine woods of...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 27/04/2015 B00000115

Record ID 4010849

**Title: Forestry Journal - 1st November 2014**

Other titles: Return of the Native

Imprint: 2014

Main subject: FOREST SOILS



Subjects: 2015-FR-CAT-9  
Abstract: Bill Rayner, Forest Research, Forester Site Surveyor, who has been digging holes and examining soil samples since 1990, stressed the fact that foresters need to start with the basics; climate and soils. "You can have all sorts of florid ideas about what to plant, but knowing your soil thoroughly will eliminate the likelihood of making incorrect species choices. "Bill explained that the soils of south Scotland show great variation. Whilst much of the area is overlaid with fine, silty deposits from the Silurian period, to the west, Galloway has coarser textured "albeit fertile "soil. The carboniferous soils found on the area' s northern border tend to be clay-rich and waterlogged. On the east coast the upper old red sandstone soil is poor in fertility, while the lower old red sandstone forms richer soils. Here too are found the basaltic laval soils that hold on to nutrients by electric charge. These can appear fertile, but there may be mineral deficiencies.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 27/04/2015 B00000115

Record ID 4010850  
**Title: Forestry Journal - 1st November 2014**  
Other titles: i-Tree in the UK - a review  
Imprint: 2014  
Main subject: BROWNFIELD SITES  
Subjects: 2015-FR-CAT-9  
Abstract: A seminar based on studies of i-Tree projects was led by Kenton Rogers, co-founder of Treeconomics, at the Cambridgeshire nursery of Barcham Trees in early October. The day featured seven speakers and allowed a lively exchange of views with a lecture room filled with delegates eager to understand what is happening and what has already been achieved. The afternoon session began with a talk from Dr Kieron Doick, a senior environmental scientist and acting head of group (Land Regeneration and Urban Greenspace) at Forest Research. He is a specialist advisor on brownfield land regeneration to quality greenspace. His first question was to ask why the Forestry Commission should come to towns and cities.

Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010851  
**Title: The Western Mail - 4th November 2014**  
Other titles: Wales probably safe from one of world's most deadly forest pests  
Imprint: 2014  
Main subject: PESTS  
Subjects: 2015-FR-CAT-9  
Abstract: WALES is safe from one of the most invasive and damaging forest pests in the world, according to new scientific findings. As part of a wider project to reduce the impact of Pine Wood Nematode across Europe, a team from Forest Research in Wales have spent three years developing a computer modelling system which can help forecast when and where the devastating pest will strike next. Researcher Dr Hannah Gruffudd said: "We have integrated climate modelling...

Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010852  
**Title:** **Edinburgh Evening News - 27th November 2014**  
Other titles: Wood you give this a try?  
Imprint: 2014  
Main subject: WOOD  
Subjects: 2015-FR-CAT-9  
Abstract: aspects of wood as a material, offering fantastic opportunities for learning on December 6 and 7. They are backed by Moray House School of Education, and Forest Research and Forestry Commission.  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010853  
**Title:** **The Edinburgh Reporter - 6th December 2014**  
Other titles: Saturday in Edinburgh - What's On Today  
Author: Kaye, R.  
Imprint: 2014  
Main subject: FORESTS  
Subjects: 2015-FR-CAT-9  
Abstract: Gateway, Royal Botanic Garden, Inverleith Row. Free: no booking required. Facilitated by students from Moray House School of Education and staff from Forest Research and Forestry Commission Scotland. Also available at same times on Sunday 7th December. Bohemia Art, Craft and Vintage Christmas...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010854  
**Title:** **Surrey Life - 1st January 2015**  
Other titles: 1 in the FRAME An ambitious new sculpture by design duo Ruth Jarman and Joe...  
Imprint: 2015  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010855  
**Title:** **Surrey Life - 8th January 2015**  
Other titles: Semi-conductor brings Cosmos to Farnham forest  
Imprint: 2015  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: ...pair, who have collaborated with scientists from the scientific agency of the Forestry Commission, Forest Research. "It's been an amazing journey...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010856  
**Title:** **Horticulture Week - 9th January 2015**  
Other titles: Barrell On... Trees: more trouble than they are worth?  
Author: By Jeremy Barrell  
Imprint: 2015  
Main subject: TREES  
Subjects: 2015-FR-CAT-9  
Abstract: ...tree canopy cover. Through a collaboration of the Arboricultural Association, Forest Research, the Greater London Authority, Treeconomics and a...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010857  
**Title:** **Daily Post - Wales - Online - 14th January 2015**  
Other titles: Welsh forests declared free of deadly beetle  
Imprint: 2015  
Main subject: PESTS  
Subjects: 2015-FR-CAT-9  
Abstract: ...But a two-month monitoring programme, carried out by a team from the IMPACT forestry research project, failed to find any evidence of a breeding...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010858  
**Title:** **New Civil Engineer - Online - 15th January 2015**  
Other titles: ICE East Midlands - Slowing the Flow through Catchment Management Webinar  
Imprint: 2015  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: ...JANUARY 2015 Time 12:30 - 13:30 Event Type Webinar Speaker: Dr Tom Nisbet, Forest Research. We are delighted to welcome Tom Nisbet to speak...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010859  
**Title:** **reNews - Online - 17th February 2015**  
Other titles: Eon and Forest Research are to deliver a study on biomass feedstock under...  
Imprint: 2015  
Main subject: BIOMASS  
Subjects: 2015-FR-CAT-9  
Abstract: Eon and Forest Research are to deliver a study on biomass feedstock under...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010860  
**Title:** **Hull Daily Mail - 19th February 2015**  
Other titles: University hosts event to discuss saving trees  
Imprint: 2015  
Main subject: TREE HEALTH  
Subjects: 2015-FR-CAT-9  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010861  
**Title:** **The Yorkshire Post Online - 19th February 2015**  
Other titles: Now ash trees under threat from beetles  
Imprint: 2015  
Main subject: PESTS  
Subjects: 2015-FR-CAT-9  
Abstract: ...climate being cooler and wetter may not favour the beetle." Dr Straw, from Forest Research, said there didn't tend to be simple solutions to...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010862  
**Title:** **The Yorkshire Post Online - 20th February 2015**  
Other titles: Now ash trees under threat from invader  
Imprint: 2015  
Main subject: PESTS  
Subjects: 2015-FR-CAT-9  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115  
Updated: 28/04/2015 B00000115

Record ID 4010863  
**Title:** **Pro Arb Magazine - 20th February 2015**  
Other titles: Now ash trees under threat from beetles  
Imprint: 2015  
Main subject: PESTS  
Subjects: 2015-FR-CAT-9  
Abstract: ...climate being cooler and wetter may not favour the beetle." Dr Straw, from Forest Research, said there didn't tend to be simple solutions to...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010864  
**Title:** **Pitchcare - Online - 24th February 2015**  
Other titles: Now ash trees under threat from beetles  
Imprint: 2015

Main subject: PESTS  
Subjects: 2015-FR-CAT-9  
Abstract: ...climate being cooler and wetter may not favour the beetle." Dr Straw, from Forest Research, said there didn't tend to be simple solutions to...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010865  
**Title: All-Energy Industry News - 25th February 2015**  
Other titles: UK grown bioenergy feedstocks ETI project  
Imprint: 2015  
Main subject: BIOENERGY  
Subjects: 2015-FR-CAT-9  
Abstract: The Energy Technologies Institute (ETI) has announced that Forest Research and E.ON will deliver the latest project in its bioenergy...  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010866  
**Title: New Forest Post - 5th March 2015**  
Other titles: How trees can play a part in combating climate change in previous Forest Diaries we've...  
Imprint: 2015  
Main subject: CLIMATE CHANGE  
Subjects: 2015-FR-CAT-9  
Abstract: How trees can play a part in combating climate change IN previous Forest Diaries we've talked a lot about the benefits that our local woodlands offer - from places for recreation and relaxation to important wildlife habitats. But did you know that the humble tree also plays a critical role in tackling the impact of climate change? This week is Climate Week, Britain's biggest annual climate change campaign focused on changing the way we see and respond to climate change. As part of Climate Week 2015 the Forestry Commission is running a number of Climate Change trails at sites across the country, including Blackwater Arboretum in the New Forest. The trail offers a fun and interactive way of helping people of all ages understand the part that our woodland and trees play in the battle to slow down climate change.  
Country: uk  
Bib type: M  
GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010867  
**Title: University of Glasgow - 10th March 2015**  
Other titles: Realising the biocultural value of a Caledonian pine forest  
Imprint: 2015  
Main subject: FORESTRY  
Subjects: 2015-FR-CAT-9  
Abstract: ...and Economic Research Group at Forest Research (the research agency of the Forestry Commission) based in Roslin near Edinburgh. David is currently...  
Country: uk  
Bib type: M

GMD: Media  
Entered: 28/04/2015 B00000115

Record ID 4010868

**Title: Forestry & Timber News - 17th March 2015**

Other titles: New report highlights how productive tree planting can reduce flood risk and protect our waterways

Imprint: 2015

Main subject: WOODLAND MANAGEMENT

Subjects: 2015-FR-CAT-9

Abstract: ...according to a landmark report published today (Tuesday 17 March). The study by Confor and Forest Research highlights the role productive woodland can...

Country: uk

Bib type: M

GMD: Media

Entered: 28/04/2015 B00000115