

# Application of Biosecurity guidance at Lesnes Abbey Woods

By Philip Louis

Trees and Woodland Officer of  
London Borough of Bexley



# Lesnes Abbey Woods






**Aerial photo**  
of Lesnes Abbey Woods



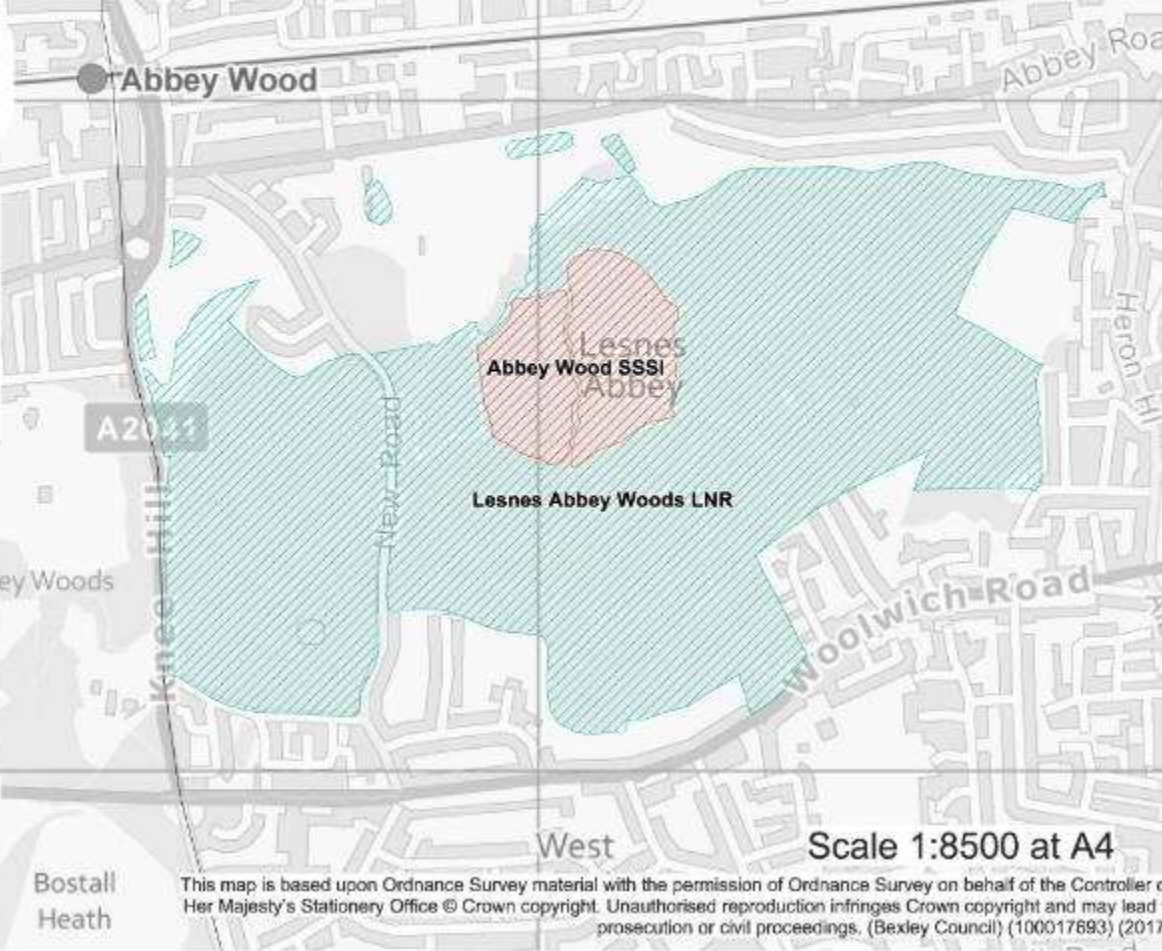
# Lesnes Abbey Woods LNR and SSSI



Produced by Greenspace Information for Greater London on behalf of LB Bexley, 30 November 2017

-  Local Nature Reserve
-  Site of Special Scientific Interest

Natural England has the responsibility for identifying and protecting Sites of Special Scientific Interest. Local Authorities designate and manage Local Nature Reserves.



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# Bio-security threats present

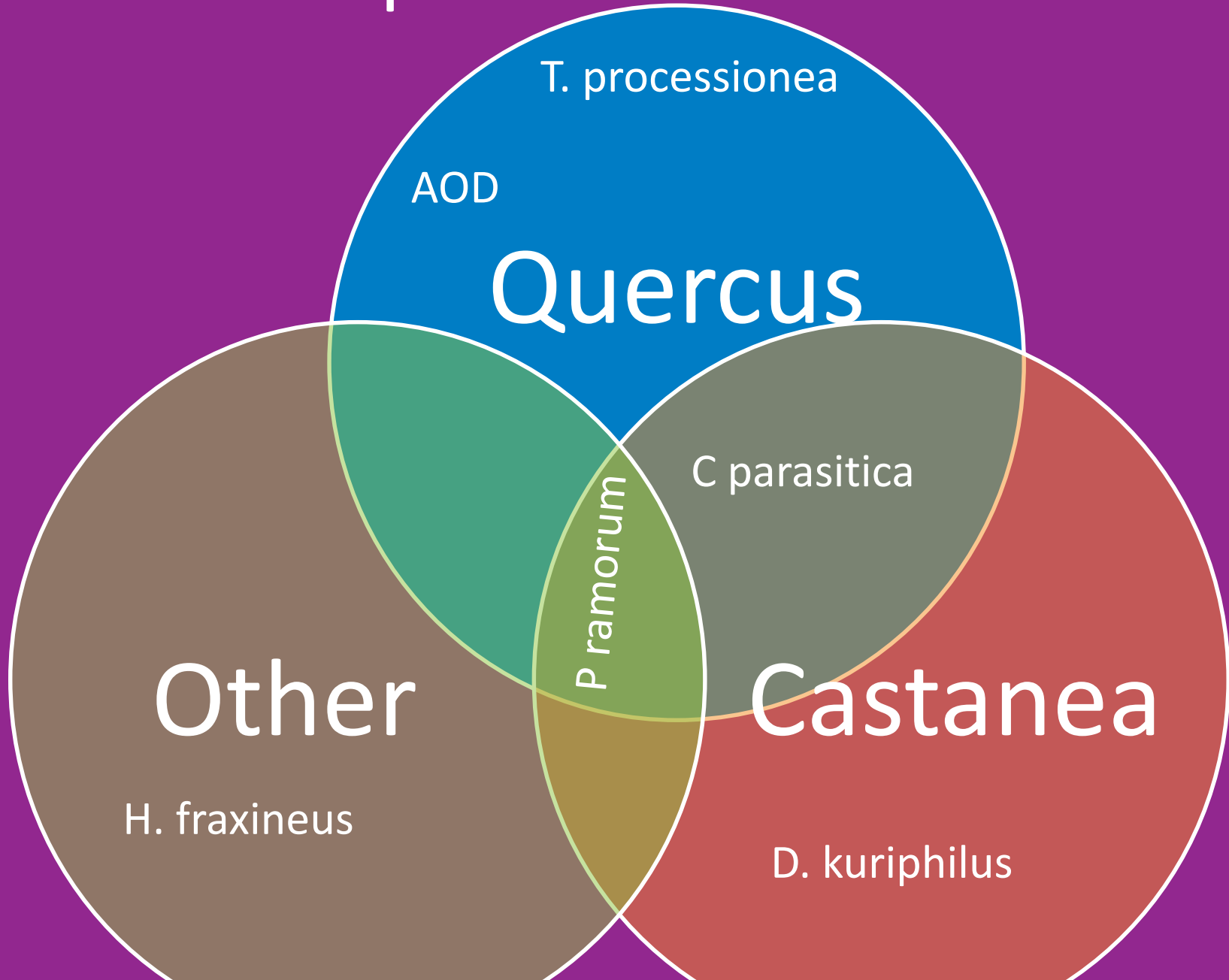
## Pathogens

- *Pytophthora ramorum*  
(Sudden Oak Death)  
(USA and EU)
- *Cryphonectria parasitica*  
(Sweet chestnut Blight)  
(USA & Central EU)
- *Hymenoscyphus fraxineus*  
(Ash Die-back)  
(Eastern EU)
- Acute Oak Decline  
(Native)

## Pests

- *Thaumetopoea processionea*  
(Oak Processionary Moth)  
(Southern EU)
- *Dryocosmus kuriphilus*  
(Oriental Chestnut gall wasp)  
(Asia)

# Species interaction

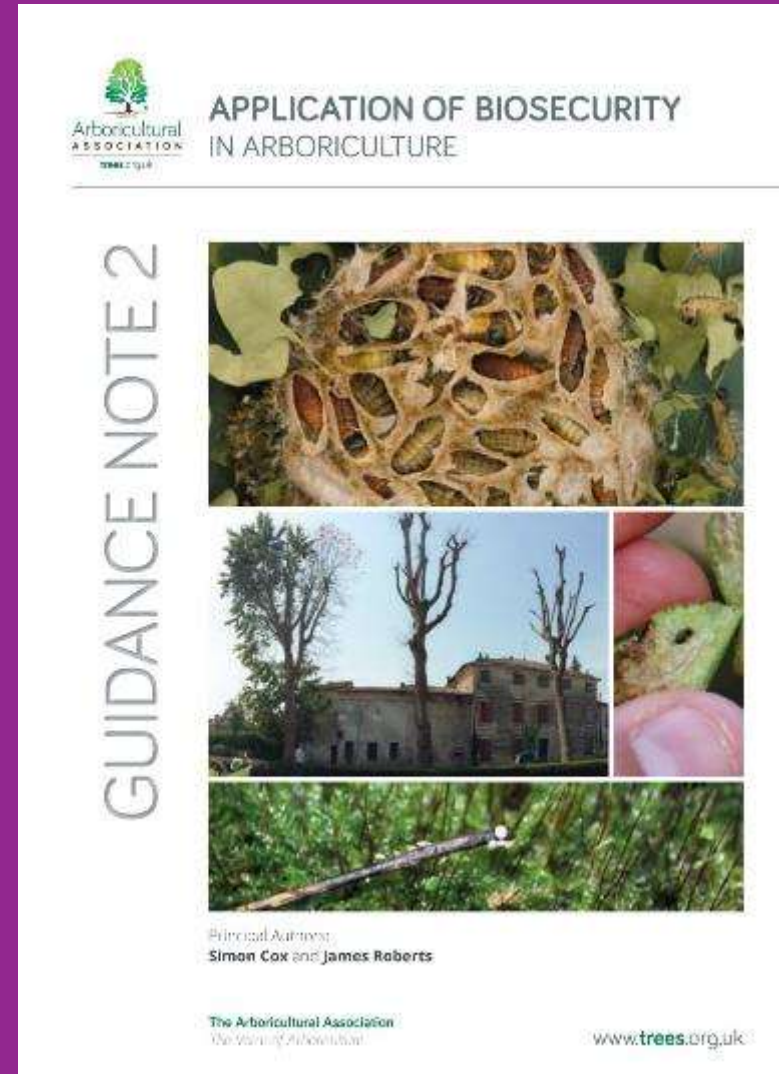
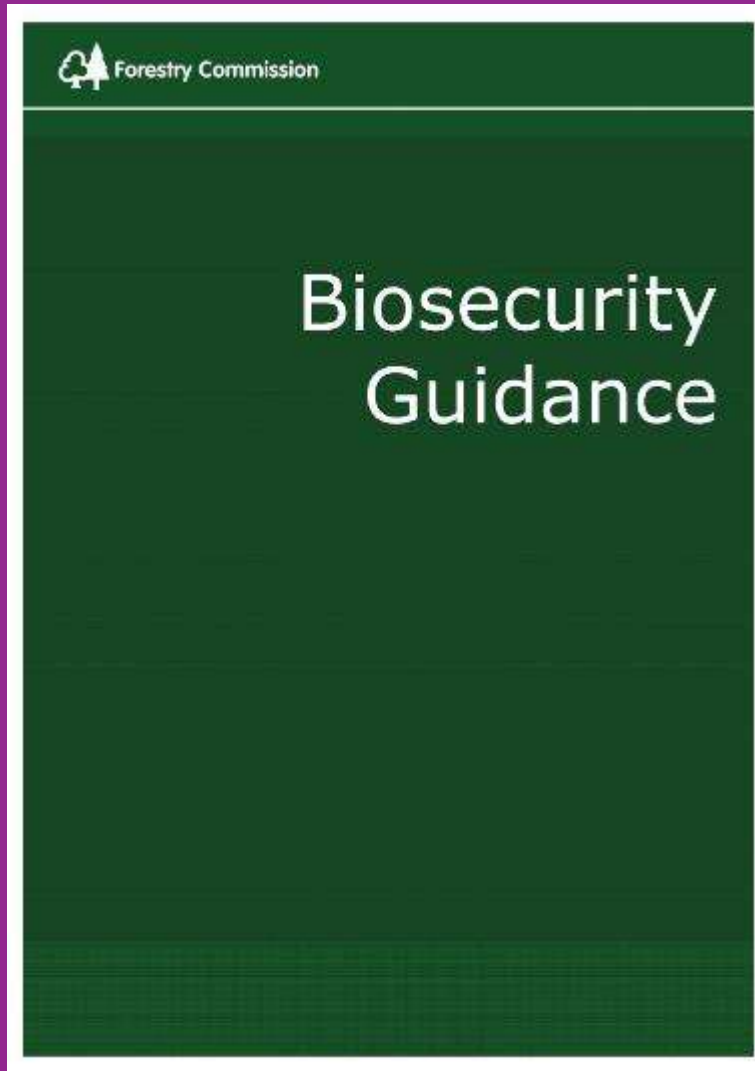


# TIMELINE OF P&D DISCOVERY



AT LESNES ABBEY WOODS

# Sources of Guidance





UK Plant Health Risk Register

Department for Environment, Food & Rural Affairs

Search for a Pest or Organism 1,017 pests in the Risk Register

e.g. Asian longhorn beetle

Preferred Name
  Synonym
  Common Name
  Host

## Risk Ratings and Current Mitigations

**Unmitigated Risks**

Likelihood [1 - 5]	<input type="button" value="i"/>		4
Spread [1 - 5]	<input type="button" value="i"/>		3
Impact [1 - 5]	<input type="button" value="i"/>		5
Value at Risk [1 - 5]	<input type="button" value="i"/>		3
Likelihood x Impact [1 - 25]	<input type="button" value="i"/>		20
UK Relative Risk Rating [1 - 125]	<input type="button" value="i"/>		60

**Current Mitigations**

Key mitigation for pest

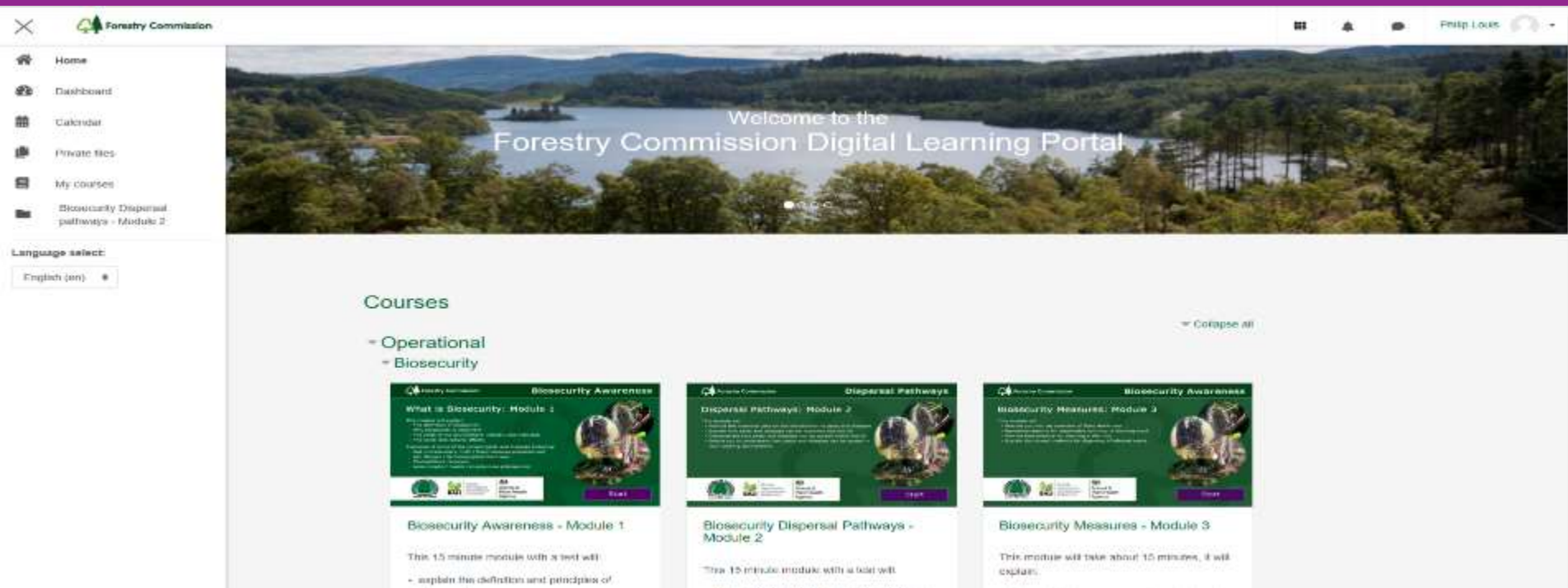
EU regulated and UK protected zone	
Regulation	✓
Surveillance	✓
Industry Scheme	✗
Contingency Plan	✓
Awareness	✓
Research	✓

**Mitigated Risks**

Likelihood [1 - 5]	<input type="button" value="i"/>		2
Spread [1 - 5]	<input type="button" value="i"/>		3
Impact [1 - 5]	<input type="button" value="i"/>		5
Value at Risk [1 - 5]	<input type="button" value="i"/>		3
Likelihood x Impact [1 - 25]	<input type="button" value="i"/>		10
UK Relative Risk Rating [1 - 125]	<input type="button" value="i"/>		30

# Pest Risk Analysis

# Staff and Volunteers



Forestry Commission

Welcome to the Forestry Commission Digital Learning Portal

Language select: English (en)

### Courses

- Operational
- Biosecurity

**Biosecurity Awareness - Module 1**

This 15 minute module with a test will:

- explain the definition and principles of

**Biosecurity Dispersal Pathways - Module 2**

This 15 minute module with a test will:

**Biosecurity Measures - Module 3**

This module will take about 15 minutes, it will explain:





# Contractors



Don't give pests and diseases an easy ride

Before you head out on site today, remember:



#### Think Kit

- Remove soil and debris from boots, clothing and kit before leaving any site
- Clean and disinfect chainsaws and other cutting tools
- Clean machinery regularly and think about where it is positioned on site



#### Think Transport

- Make a clean start, every day
- Remove build-up of soil and debris on vehicles before leaving any site
- Use proper off-site wash-down facilities regularly



#### Think Trees

- Source plants responsibly
- Keep records of purchases and suppliers
- Keep an eye out for signs of ill health

Tell us if you spot any ill health in trees:  
[forestry.gov.uk/troodalert](http://forestry.gov.uk/troodalert)

We're all responsible for biosecurity.  
Remember to Keep it Clean #KeepItClean

Find out more:  
[forestry.gov.uk/england/keepitclean](http://forestry.gov.uk/england/keepitclean)  
[forestry.gov.uk/pestsanddiseases](http://forestry.gov.uk/pestsanddiseases)



Forestry Commission

Statutory Notice

The Chief Executive  
London Borough of Bexley  
Civic Offices  
2 Watling Street  
Bexleyheath  
DA6 7AT

13531

Ref: 13531 / 180154301

Dear Sir/Madam

**Oak Processionary Moth Statutory Notice under the Plant Health (Forestry) Order 2005**

**Our ref. UK/PH/180154301**

The Forestry Commission has found evidence of Oak Processionary Moth (OPM) on or within 50 metres of the location named above. It is my duty to issue the attached Statutory Notice and I would like to explain the implications of this Notice.

# Senior management and neighbouring Local Authorities





# The public



The Eirih Lighthouse project – Summer 2017

Food night – End of reception at which residents will be

## Be aware: Oak Processionary Moths



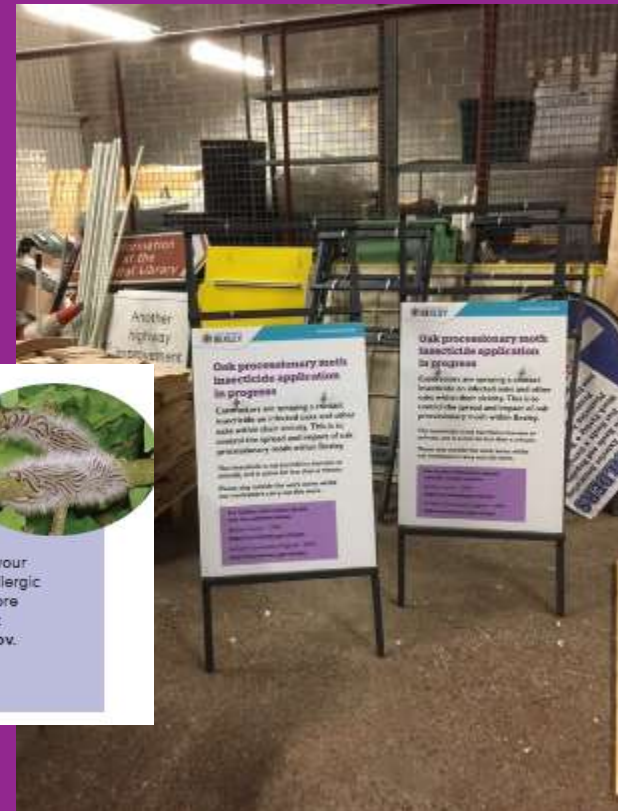
Oak trees in Danson Park, East Wickham Open Space, Monks Farm Allotment and Sidcup Place that were affected by Oak Processionary Moths have now been treated by Advanced Tree

Services Ltd ahead of schedule. If you discover any more nests and caterpillars in the borough, do not touch and report it immediately. Call 020 8303 7777 or [small.trees@bexley.gov.uk](mailto:small.trees@bexley.gov.uk). Caterpillar hairs

can cause people and animals:

- Severe irritation
- Rashes
- Sore throats
- Breathing difficulties
- Eye problems

Consult your GP, pharmacist or vet if you or your pet suffer any allergic reaction. For more information visit [www.bexley.gov.uk/opm](http://www.bexley.gov.uk/opm)



<https://www.bexley.gov.uk/services/parks-and-open-spaces/oak-processionary-moth-opm-identified-within-london-borough-bexley>



Democracy Services myBexley login

Search



Home / Services / Parks and open spaces

## Oak Processionary Moth (OPM) identified within the London Borough of Bexley

### What is Oak Processionary Moth (OPM)?

Oak Processionary Moth is a non-native insect originating from Southern Europe and has been in the UK for approximately 12 years.

The caterpillars of this moth primarily live and feed on Oak leaves, but they can also be found on the ground around an infected tree. The caterpillars are easily identifiable as they move together as a group in a column, head to tail in a procession – hence their name Oak ‘Processionary’ Moth.





# Established and evolving control methods



# Effect on site management





# LESNES ABBEY WOODS

