

## OPM control programme proposals for 2015

**Important note:** The proposed programme for 2015 below is based on our existing evidence / information base (known distribution of OPM, budget for 2015 / 16, what we have learnt from the programme what we have learnt from on-going research and monitoring).

The results of the OPM winter 2015 survey (Jan-Mar 2015) in particular may change our knowledge of known distribution; this in turn is likely to result in adjustment of the control programme boundaries and potentially the action taken. The summer OPM 2015 survey may also influence what action is taken where and will be discussed/agreed by the OPM Project Board, in consultation with the OPM Advisory Group as appropriate.

The table below sets out what Defra/FC funded activity will be in 2015. Where Defra/FC funding is not being employed, the expectation is that key landowners / managers will enact appropriate action as required and in line with the good practice we promote.

Activity	Pangbourne	Croydon/Bromley	Olympic Park	West London
<b>Zone</b>				
<b>OPM activity everywhere</b>	<ul style="list-style-type: none"> <li>• Communications material (leaflets, posters, site notices, OPM website information), this will need reviewing in 2015</li> <li>• Liaison with key landowners/managers, public health sector (GPs, pharmacists); keep key stakeholders informed of plans/progress/results</li> <li>• Make mobile OPM survey app available to everyone who wants to use it</li> <li>• Awareness raising and survey training, focussed on 'training the trainer' for greater coverage</li> <li>• Research effort - development of operational work, increased intelligence, research work, population dynamics, control methods</li> <li>• Landowner toolkit – general information on OPM, how to control OPM (update previous document and make it look better), suppliers, contractors, movement of material guidance ; Pheromone trap information, how they can help (do we supply traps/lures)</li> <li>• Raising awareness in areas not yet affected - use Woodland and Tree Health Officer's to spread the message? Also engage with third parties such as Local Authorities</li> <li>• Public meetings where appropriate to inform local stakeholders and engage their support</li> <li>• GB wide surveillance using control plots / pheromone traps to check OPM is not more widespread; use of PFE sites to enhance the network in SE England? Use of willing stakeholders across SE England to increase wider surveillance network e.g. City of London</li> <li>• A more extensive pheromone trap programme of 1 trap per 4 sq km in the area between 10 and 20 km from known OPM infestation to assess wider infestation potential. This would involve another 455 traps in addition to those set out below.</li> <li>• Movement of material from infested areas will be controlled to prevent spread of OPM into new areas</li> <li>•</li> </ul>			

SPHN	No SPHN to be issued unless nests are found	SPHN's to be issued to all sites found infested in 2013 and/or 2014; also sites with host trees within 50 metres (2 year and 50m principles)	No SPHN to be issued unless nests are found	Core zone – no action except as per 'activity in all areas' Buffer zone: SPHN's to be issued to all sites found infested in 2013 and/or 2014; also sites with host trees within 50 metres (2 year and 50m principles).
Winter Survey	Survey all host trees within 250m radius of where moths were caught in pheromone traps	Survey all host trees within 250m radius of where >5 moths were caught in pheromone seven traps (estimate 100 trees to survey per trap).  Survey all host trees within 50m (maybe 100m if budget allows) radius of trees that were infested in 2013 and/or 2014.	Survey all host trees within a 2km radius of the infested tree.	Core zone – no action except as per 'activity in all areas' Buffer zone: Survey all host trees within 250m radius of where >5 moths were caught in a pheromone trap.  Survey all host trees within 50m (maybe 100m if budget allows) radius of trees that were infested in 2013 and/or 2014.
Spraying	No spraying planned based on current knowledge of OPM extent. If winter survey finds a nest the affected tree and all host trees within 50 metres will be sprayed with either Bt or Dimilin.	All infested trees from 2013 and 2014 will be sprayed and all host trees within 50 metres will be sprayed with either Bt or Dimilin. If winter survey finds a nest in new areas the affected tree and all host trees within 50 metres will be sprayed with either Bt or Dimilin.	No spraying planned based on current knowledge of OPM extent. If winter survey finds a nest the affected tree and all host trees within 50 metres will be sprayed with either Bt or Dimilin.	Core zone – no action except as per 'activity in all areas' Buffer zone: All infested trees from 2013 and 2014 will be sprayed and all host trees within 50 metres will be sprayed with either Bt or Dimilin. If winter survey finds a nest in new areas (i) the zone boundaries may be adjusted accordingly (ii) the affected tree and all host trees within 50 metres will be sprayed with either Bt or Dimilin.
Summer Survey –this will be reviewed pending results of winter survey	Survey all host trees within 250m radius of where moths were caught in pheromone	All Oaks to be surveyed within 100 metres of known infested trees.	Carry out a full survey of all Oak trees 2km from the infested tree as per the	Core zone – no action except as per 'activity in all areas'

	traps or any winter nest findings. No survey of previously infested trees.	Survey all host trees within 250m radius of where >5 moths were caught in pheromone traps?	summer 2014 survey	Buffer zone: All Oaks to be surveyed within 100 metres of known infested trees from the 2013, 2014 & 2015 (winter) visual surveys
Nest Removal	Any nests found will be removed as a matter of priority prior to emergence	Any nests found will be removed as a matter of priority prior to emergence	Any nests found will be removed as a matter of priority prior to emergence	Core zone – no action except as per 'activity in all areas' Buffer zone: Removal will be prioritised on sites that offer greatest risks to Protected Zone and/or public health impact
Pheromone Trapping	Use same 75 trap locations from 2014, plus 25 more in S/SE direction.	100 traps	5 traps to be deployed	Core zone – no action except as per 'activity in all areas' Buffer Zone: to achieve 2 traps per 4sqkm approx 550 traps needed. Up to 10km from the known extent of OPM from 2014/winter 2015 visual survey

Notes on zoning in West London (see map overleaf, red line shows 2014 known extent of OPM based on nest findings)

- Core zone – area within green line (which is 2km inside the 2014 known extent)
- Buffer zone – area between green and blue line (2km inside/10km outside 2014 known extent)

As mentioned earlier, zoning may be adjusted pending winter survey results and also findings during summer 2015 survey (applies to all OPM areas)

