

## Ecological services re Marlay Park Concerts (2016)

Date: 2<sup>nd</sup> March 2016

### Outline of Proposed Services:

Service
<p>1. Installation of 4 -6 bat boxes as in core areas of woodland to supplement roosting opportunities for existing population as per recommendations; Cost of boxes 3 x Type 1FF boxes  3 x Type 2F boxes @49 each</p>
<p>2. Checks for locations of nesting waterfowl (March) (3 checks in mid-March to mid-April).</p>
<p>3. 3 x surveys of properties to identify maternity roosts in Park (we have already ruled out Marlay House but I would like to survey the old depot buildings and buildings in the walled garden). It would be an important finding if we can located roosts in the buildings as counts over several years will address the question as to whether there is any evidence for declines in population in the Park.  Each survey requires 3 surveyors x 4 hours</p>
<p>4. Pre-installation (pontoon) checks for nestling fledging (mid June).</p>
<p>5. Monitoring bat activity over period 15<sup>th</sup> June to 27<sup>th</sup> July to record any changes in activity as a result of Concerts to supplement data collected in 2015. Installation of 3 x static bat detectors + 2 x battery changes.</p>
<p>6. Meeting with DLRCC/licensee re lighting controls in woodland for Longitude.</p>
<p>7. Manual surveys on night of 9<sup>th</sup> July and on 15, 16, 17 July to supplement 2015 and to add data on Longitude. To include infra-red video footage of bat behaviour at pontoon.</p>
<p>8.</p>
<p>9. Survey of post-event activity 23<sup>rd</sup> July 2016.</p>
<p>10. Mapping of potential tree roosts to inform Park staff of precautions during felling.</p>

**Contact us for further or more specific advice at**

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