

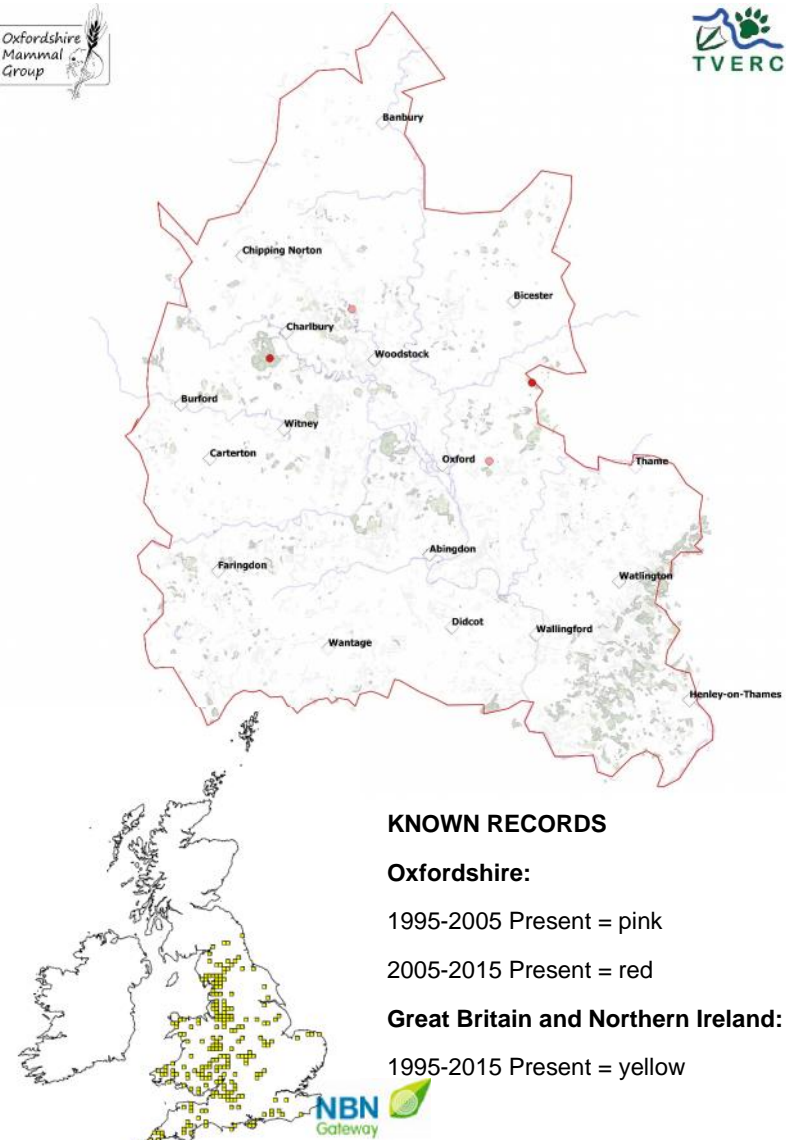


<p>Brandt's bat</p>	<p><i>Myotis brandtii</i></p>		
<p>Description: A small bat (body length 38-50mm), with a wingspan of 210-255mm. 4.5-9.5g. Tragus straight (but with a slightly convex outer edge) and sharp. Dark grey or brown, golden tips on back and greyish underneath. Adult forearm length: 31-39mm. Straight calyx 1/2 length of tail.</p> <p>Very similar to Whiskered bat.</p>	<p>Droppings: 6-9mm long, 2-2.3mm wide. Medium texture, not tapered at either end. Often found below ridges or vertical structures (e.g. chimneys) in circular clusters.</p> 	<p>Flight description: Emerges about 30 mins after sunset. Moderate speed hawking (catching prey on the wing). Fast straight flight at head height along habitat edges.</p>	<p>Lifespan: Can live up to 20 years.</p> <p>Life cycle: Mating in autumn, continues into winter. Maternity colonies established late spring when a single young is born per female. Weaned at 6 weeks, although females will crèche young after 3 weeks.</p>
<p>Roost locations: Trees, timber-framed barns, stone buildings and bat boxes. In loose crevices. Hibernation roosts are underground.</p>		<p>Habitats: Woodland, parkland and farmland</p>	
<p>UK conservation status: Common and widespread (although slightly less so than Whiskered).</p> <p>Oxfordshire: Frequent in woodland areas (under-recorded)</p> <p>Legislation:</p> <ul style="list-style-type: none"> ◆ Habitat regulations 2010 Schedule 2 ◆ Wildlife and Countryside Act 1981 Schedule 5 		 <p>KNOWN RECORDS</p> <p>Oxfordshire:</p> <p>1995-2005 Present = pink</p> <p>2005-2015 Present = red</p> <p>Great Britain and Northern Ireland:</p> <p>1995-2015 Present = yellow</p>	
<p>Echolocation:</p> <p>Lowest frequency: 33 kHz Highest frequency: 89 kHz Peak intensity: 45 kHz Average call duration: 0.004 seconds Description: Medium-loud, rapid series of irregular clicks (resembling machine gun). Similar to Daubenton's but not as regular and often slower).</p> <p>Typical echolocation sonogram (from Brooks, A. <i>The Bats of Britain and Europe</i>).</p> 