


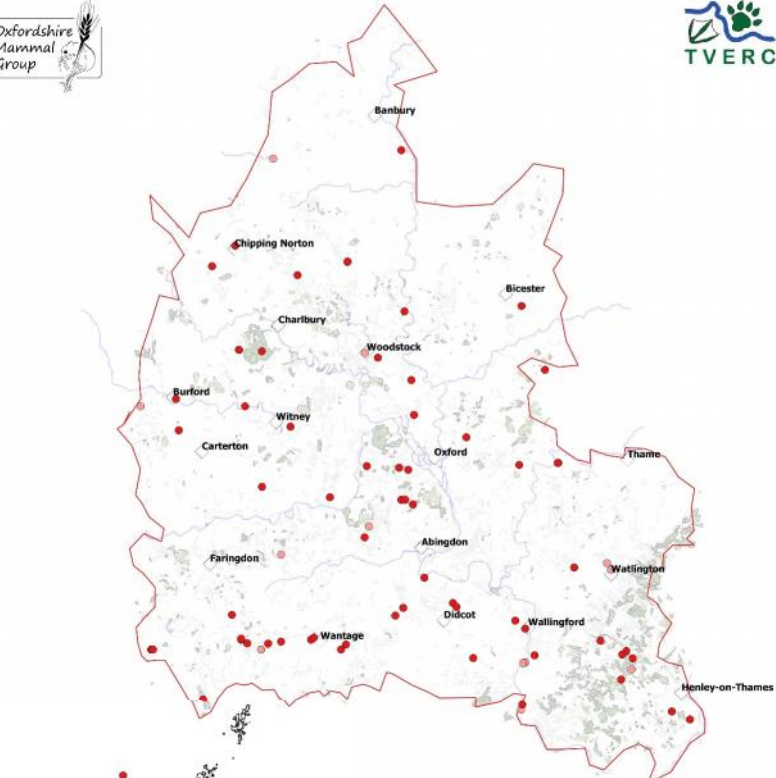
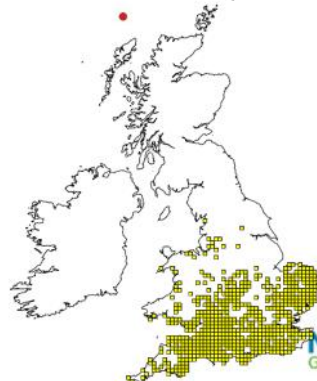


Serotine	<i>Eptesicus serotinus</i>	 <p>Matt Hobbs</p>	
Description: A large bat (body length 58-80mm), with a wingspan of 320-380mm. 15-35g. It has a post-calcarial lobe and a mushroom-shaped tragus. It is a big bat, with big teeth and looks 'stupid'. Long snout, shaggy fur and broad wings.			
Droppings: 8-11mm long, 3.5-4mm wide. Coarse texture, more rounded than other bats with rounded ends. Often found below roosts (below ridges, around chimneys) in circular clusters or scattered.	Flight description: Emerges 20-25 mins after sunset. Slow hawking (catching prey on the wing). Relative slow flight often above roof height. Flies in loops in open areas and much closer to	Lifespan: Can live up to 19 years.	Life cycle: During summer, females form maternity colony where they give birth to a single young. Young can fly at 4 weeks and forage for themselves at 6. Males usually roost singularly. Mating occurs in autumn.
Roost locations: Buildings ('Edwardian buildings'- high gabled 1920s/30s houses and churches), tunnels and mines. Loose crevice dweller. Very few found in their hibernation roosts, but most likely to be in buildings.			Habitats: Woodland, farmland, parkland and urban areas.
UK conservation status: Relatively uncommon, occurring mainly south of a line drawn from The Wash to parts of South Wales. Oxfordshire: Infrequent but widespread.		    <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>NBN Gateway</p>	
Legislation: <ul style="list-style-type: none">◆ Habitat regulations 2010 Schedule 2◆ Wildlife and Countryside Act 1981 Schedule 5			
Echolocation: <p>Lowest frequency: 22 kHz Highest frequency: 42 kHz Peak intensity: 25-30kHz Average call duration: 0.005 seconds Description: Medium-slow, quite-loud irregular smacks.</p> <p>Typical echolocation sonogram (from Brooks, A. <i>The Bats of Britain and Europe</i>).</p> 