

Havant Local Plan bat evidence June 2021

Notes

This is an update of document *H8 Land north of Long Copse Lane bat evidence March 19.docx*.

This is a summary of known bat surveys relevant to the entire Havant Local Plan 2036 (and also to site H8 Land north of Long Copse Lane) as of 20/6/21. A total of 986 bat records have been verified since the March 2019 document.

HBG = Hampshire Bat Group database.

HBIC = Hampshire Biodiversity Information Centre, data available to planning ecologists.

All the data has, or is about to be, synchronised with HBIC. Last synchronisation from HBG to HBIC was in late Jan 2021. The next synchronisation is expected in later in June 2021.

Bats form an important part of the biodiversity of the Borough of Havant, with at least 15 of the total UK list of 17 breeding species now known to be present. As such, Havant and adjacent areas of East Hampshire and West Sussex, form a remarkable hot spot for bat diversity, with nationally important breeding populations of certain rare species. Accurate bat records are difficult to obtain but our knowledge has advanced rapidly in recent years.

Relevant bat records may also have been deposited with the Sussex Biodiversity Records Centre.

Myotis bat species = Daubenton's, **Bechstein's**, Natterer's, whiskered, **Brandt's**, **alcahloe**, **greater mouse-eared**.

Bechstein's bat *Myotis bechsteinii*, **greater horseshoe** *Rhinolophus ferrumequinum* and **western barbastelle** *Barbastella barbastellus* are listed in Annex II of the Habitats Regulations.

Rarities are indicated in **red**.

Existing records

Brook Meadow bat surveys. 2009 to present. Bat species recorded: Daubenton's, other Myotis species, soprano pipistrelle, common pipistrelle, Nathusius' pipistrelle, serotine, noctule, brown long-eared.

Hollybank Woods bat capture survey by national expert Daniel Whitby 2005. Bat species recorded: **Bechstein's**, with evidence of local breeding. All other Hollybank Woods data withheld.

Arboretum at Stansted Park, acoustic survey by Hampshire Bat Group, October 2010. Western **barbastelle**, common pipistrelle, soprano pipistrelle, Myotis species.

National Bat Monitoring Survey along River Ems from Westbourne to Peter Pond, Emsworth. Annual waterways survey, 2010 to present. Bat species recorded: Daubenton's, other Myotis species, soprano pipistrelle, common pipistrelle, Leisler's, serotine.

Havant water reservoir site (Havant Thicket, Staunton Country Park, Gypsy Plain) surveys for Portsmouth Water Company, including radio tracking of bats to Southleigh Forest, Stansted estate and Hollybank Woods. 2008, 2009 and 2018. **Bechstein's** bats radio tracked to maternity roosts at

copse off Long Copse Lane (Old Dairy Farm, 2009, 51 bats, an exceptionally large number of this very rare species) and to Southleigh Forest. Species recorded in 2018: **Bechstein's** (numerous records), Natterer's, whiskered, brown long-eared, common pipistrelle, Daubenton's, **western barbastelle**.

Hampshire Farm development bat surveys by WYG 2009. All available data in the public domain reported to HBG and HBIC. Recorded: common pipistrelle, soprano pipistrelle, noctule, serotine, Myotis species (but no trapping surveys to determine the species).

Land north of Eastleigh Cottages, Barton's Road, (now called Harrison Way, PO9 5FD) surveys by WYG 2013. Species recorded: common pipistrelle, soprano pipistrelle, serotine, noctule, Leisler's, brown long-eared, Myotis bat species.

Havant Crematorium site, Bartons Road, surveys by Baker, Shepherd, Gillespie 2011. All available data in the public domain reported to HBG and HBIC. Recorded: common pipistrelle, soprano pipistrelle, noctule, Myotis species long-eared bat species.

Southleigh Park, Eastleigh Road, surveys by Davidson-Watts Ecology and ECOSA, involving acoustic and bat capture surveys, 2016. Recorded: brown long-eared, common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, serotine, western **barbastelle**, noctule, Natterer's, **Bechstein's**, whiskered.

Castle Avenue, Warblington, surveys by ECOSA 2017. Common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, serotine, noctule, Myotis species (but no trapping surveys to determine the species), **western barbastelle** (multiple records).

Long Copse, Emsworth, capture surveys by Davidson-Watts Ecology, 2017. All available data reported to HBG and HBIC. Species recorded: soprano pipistrelle, Natterer's, whiskered, **Bechstein's**, **Brandt's**, Daubenton's, brown long-eared.

Pyle Farm, Horndean, surveys by ECOSA, 2017, including bat capture surveys. Bats recorded: **Bechstein's**, whiskered, **Brandt's**, Natterer's, brown long-eared.

Whicher's Gate Road, Rowlands Castle surveys by ECOSA, 2017. **Western barbastelle** (12 records), common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, noctule, serotine, Myotis species.

Twostone Bottom culvert, Emsworth Common Road, 2017. Common pipistrelle, brown long-eared, noctule, Myotis species.

Brickkiln Ponds, Stansted estate, May 2018. Bat trapping survey by Hampshire Bat Group. All data reported to Sussex Biodiversity Records Centre, HBG and HBIC. Soprano pipistrelle, Natterer's, two species of small Myotis (alcahloe/whiskered,/Brandt's).

Mill Meadow Farm, Westbourne, static detector deployment by Hampshire Bat Group, May to June 2018. All data reported to Sussex Biodiversity Records Centre, HBG and HBIC. Bats detected: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, noctule, Leisler's, Myotis species, **western barbastelle**, serotine.

Longacre, Long Copse Lane, Emsworth, static detector deployment by Hampshire Bat Group, June 2018. Bats detected: common pipistrelle, soprano pipistrelle, noctule, Myotis species, **western barbastelle**, brown long-eared.

'Camp Field', Barton's Road, Havant (including grounds of Havant crematorium) surveys by Ecology Co-op, 2018. Including bat capture surveys. Recorded: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, noctule, **western barbastelle**, **alcahloe**, **Brandt's**, whiskered, Natterer's.

Malvern House, Long Copse Lane, Emsworth, static detector deployment by Hampshire Bat Group, November 2018. Bats detected: Myotis species.

Brickkiln Ponds, Stansted estate, July 2019. Bat trapping survey by Hampshire Bat Group. **Alcathoe**, **Bechstein's**, serotine, noctule, common pipistrelle, Natterer's.

Havant water reservoir site (Havant Thicket, Staunton Country Park, Gypsy Plain) surveys for Portsmouth Water Company, including acoustic surveys, bat capture surveys and radio tracking of bats to Southleigh Forest, Stansted Park estate and Hollybank Woods. All available data reported to HBG and HBIC. Further surveys in 2019 and 2020: serotine, noctule, common pipistrelle, soprano pipistrelle, , **Bechstein's** (numerous records), **western barbastelle**, **alcathoe**, brown long-eared, whiskered, Natterer's, noctule.

Cabbagefield Row, Leigh Park, surveys by ECOSA, 2019 and 2020: common pipistrelle, serotine, Myotis species, Natterer's, whiskered, long-eared species.

Dunsbury Hill Farm, Havant. Bat capture surveys by Davidson-Watts Ecology, July and September 2019: common pipistrelle, soprano pipistrelle, Natterer's, whiskered, brown long-eared,

Havant Rifle and Pistol Club, Southleigh Forest. Static bat detector deployment by Hampshire Bat Group in May 2019. Bats detected: serotine, common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, noctule.

Whicher's Gate Road, Rowlands Castle. Static bat detector deployment by Hampshire Bat Group, August 2019: **western barbastelle**, common pipistrelle, soprano pipistrelle, serotine, noctule, Leisler's, brown long-eared, Myotis species.

Northney Road, Hayling Island. Static bat detector deployment by Hampshire Bat Group, July 2019: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, Natterer's, noctule, serotine, Myotis species.

Maisemore Gardens, Emsworth. Static bat detector deployment by Hampshire Bat Group, July 2019: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, serotine, Myotis species, noctule, brown long-eared, **western barbastelle**.

Malvern House, Long Copse Lane, Emsworth, static detector deployment by Hampshire Bat Group, July 2019 and September 2020. Bats detected: noctule, Myotis species, common pipistrelle, soprano pipistrelle, serotine, **western barbastelle (during both survey periods)**, Leisler's, long-eared bats.

54 Long Copse Lane, Emsworth, static detector deployment by Hampshire Bat Group, August 2019: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, serotine, noctule, brown long-eared, Natterer's, **western barbastelle**.

Peter Pond, Emsworth, static detector deployment by Daniel Whitby, August 2019: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, serotine, noctule, brown long-eared, Myotis species.

West Leigh, grounded bat recovery by Hampshire Bat Group, September 2019. Whiskered bat.

Purbrook , grounded bat recovery by Hampshire Bat Group, August 2020. **Brandt's** bat.

Castle Road, Rowlands Castle. Emergence and activity surveys, June 2020: common pipistrelle, soprano pipistrelle, serotine, noctule, **western barbastelle**, whiskered/Brandt's.

Horndean Road, Emsworth. Bat detector surveys by Hampshire Bat Group, August 2020: common pipistrelle, soprano pipistrelle, **western barbastelle**, serotine, noctule, Leisler's, brown long-eared, Myotis species.

Gypsies Plain, Rowlands Castle. Bat detector surveys, August 2020: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, **western barbastelle**, serotine, noctule, Leisler's, brown long-eared, Myotis species.

Southleigh Park, Eastleigh Road. Emergence and activity surveys by ECOSA, August 2020. Recorded: long-eared, common pipistrelle, soprano pipistrelle, serotine, noctule, Myotis species.

Southmere Field, Langstone. Static detector and transect surveys by ECOSA, May to October 2020: common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, serotine, noctule, Leisler's, Myotis species, **greater horseshoe**.

Warblington Meadow SSSI. Static bat detector deployment by Hampshire Bat Group, May/June 2021: **western barbastelle**, serotine, common pipistrelle, soprano pipistrelle, Nathusius' pipistrelle, Natterer's, serotine, noctule, Leisler's.

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Hampshire County Bat Recorder

June 2021