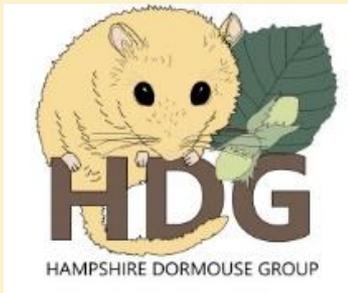
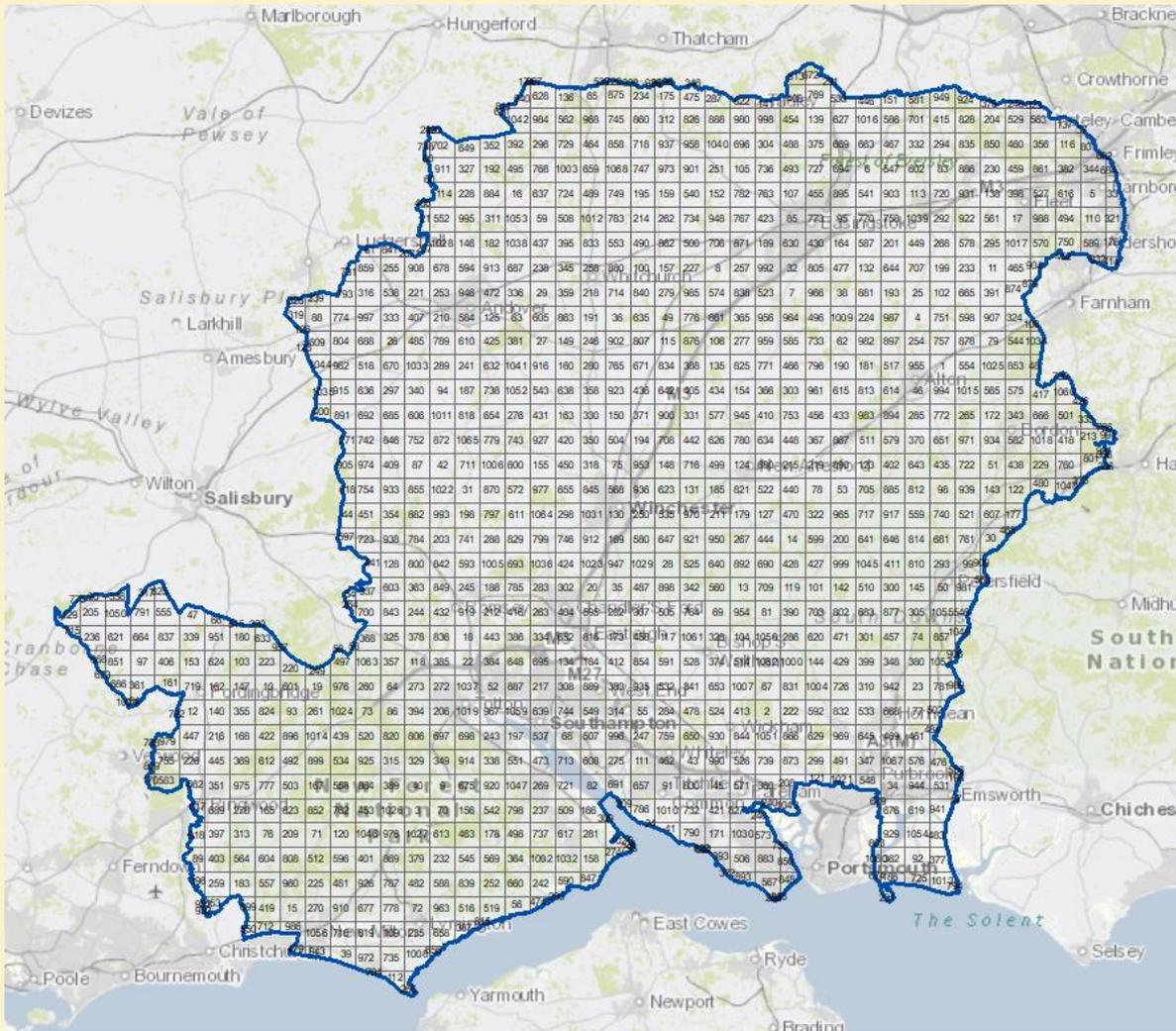




# The Hampshire Dormouse Group County Survey

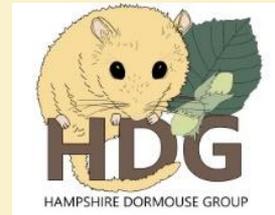
## Methodology



Hampshire is a big county with an area of 3,700 km<sup>2</sup>, plus the Isle of Wight. While surveying every square kilometre would be good, it is unmanageable.

So we have decided to survey every 4 km<sup>2</sup>. This gives a total of 1199 squares to survey although some will already have known dormouse presence.

# HDG Dormouse Survey Methodology



The survey is based on dormouse occupancy in a habitat in a 4km<sup>2</sup> grid square or tetrad.

The dormouse survey uses the relatively new methodology of footprint tunnels to detect the presence of dormice.

Footprint tunnels do not require a licence to check and have been shown to be successful in showing dormouse presence at a site.

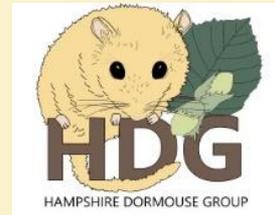
Using 20 footprint tunnels in a hedgerow over a 6 week period will give a 95.6% chance of detecting the presence of dormice. Increasing the survey period to 10 weeks will give a 99.5% chance of detection.

Footprint tunnels will need checking every two weeks and the paper and ink replacing.

Once dormice footprints have been recorded in all habitat types surveyed, the survey can stop.

Dormouse footprints are relatively easy to identify and can be photographed or scanned as evidence of presence.

# HDG Dormouse Survey Methodology



The survey is based on dormouse occupancy of a 4km<sup>2</sup> grid square or tetrad

To undertake the survey:

- you will need to find a suitable hedgerow to survey (see [3. Identifying suitable dormouse habitat](#))
- get landowner permission (see [4. Finding a site & Landowner permission](#))
- obtain footprint tunnels (Contact HDG)
- set up footprint tunnels (see [5. Using footprint tunnels](#))
- survey hedgerow habitat (see [6. HDG survey forms](#))
- when survey finished complete dormouse survey (see [6. HDG survey forms](#))
- submit results to HDG
- set up new survey or clean and return tunnels.