

Derbyshire & the ASConf



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Map showing known Peak District caves
Map generated March 2016



Key:

● Peak District Cave Locations

Altitude (meters)









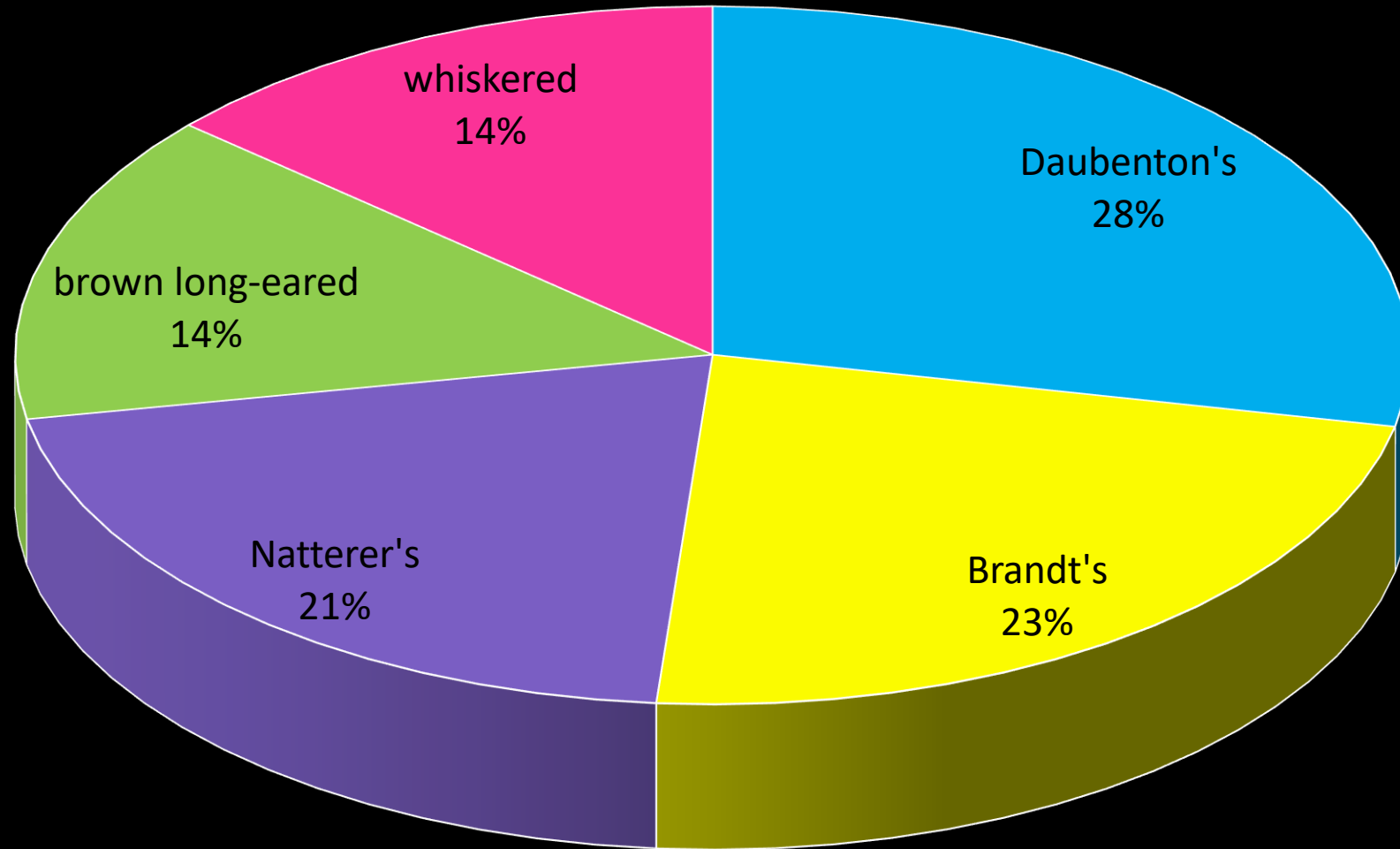


What did we find?

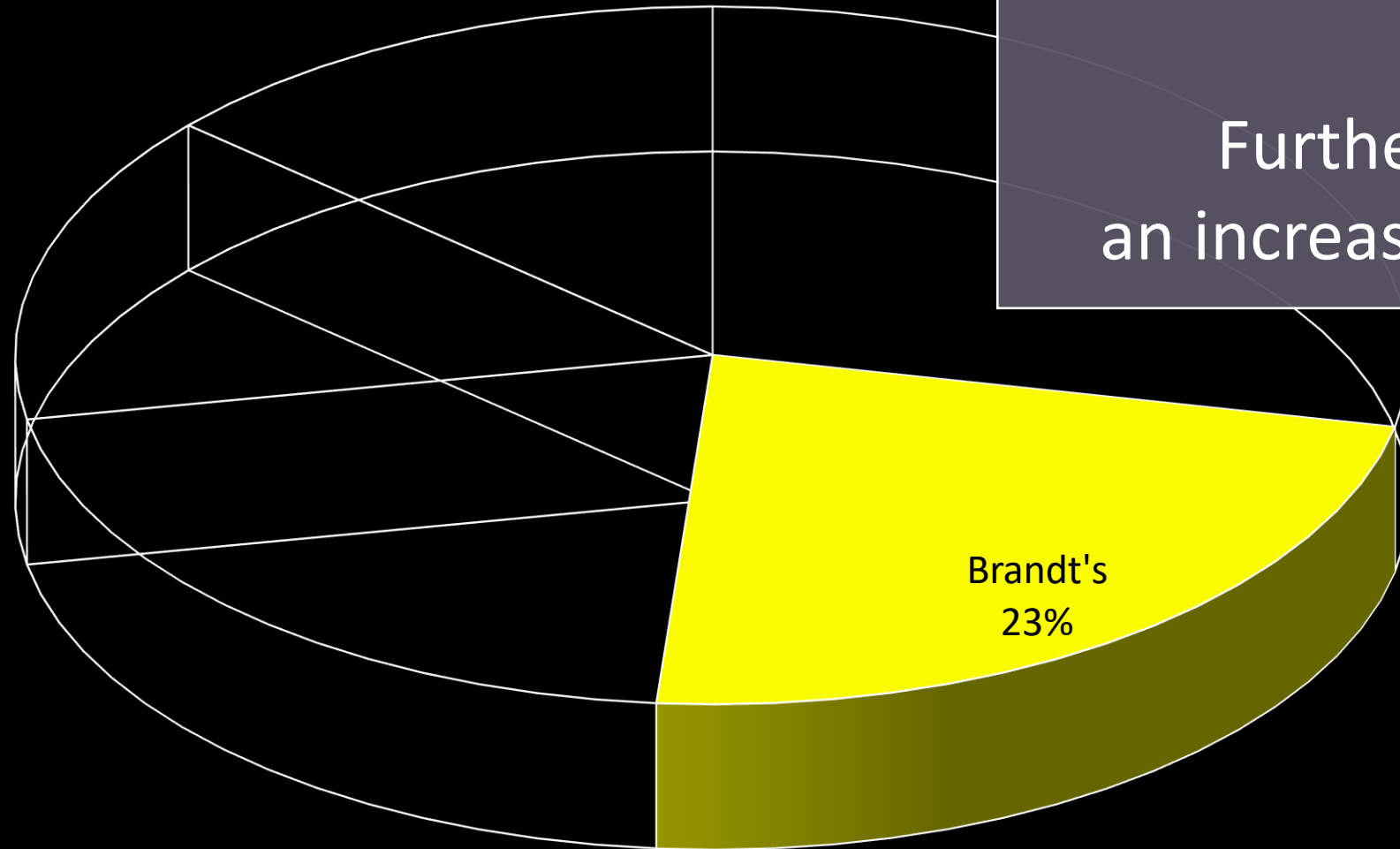
- ▶ 40 surveys
- ▶ 10 sites
- ▶ 606 bats
- ▶ 6 species
- ▶ 70 volunteers
- ▶ 223 surveyor occasions
- ▶ 11,497 data points



Species



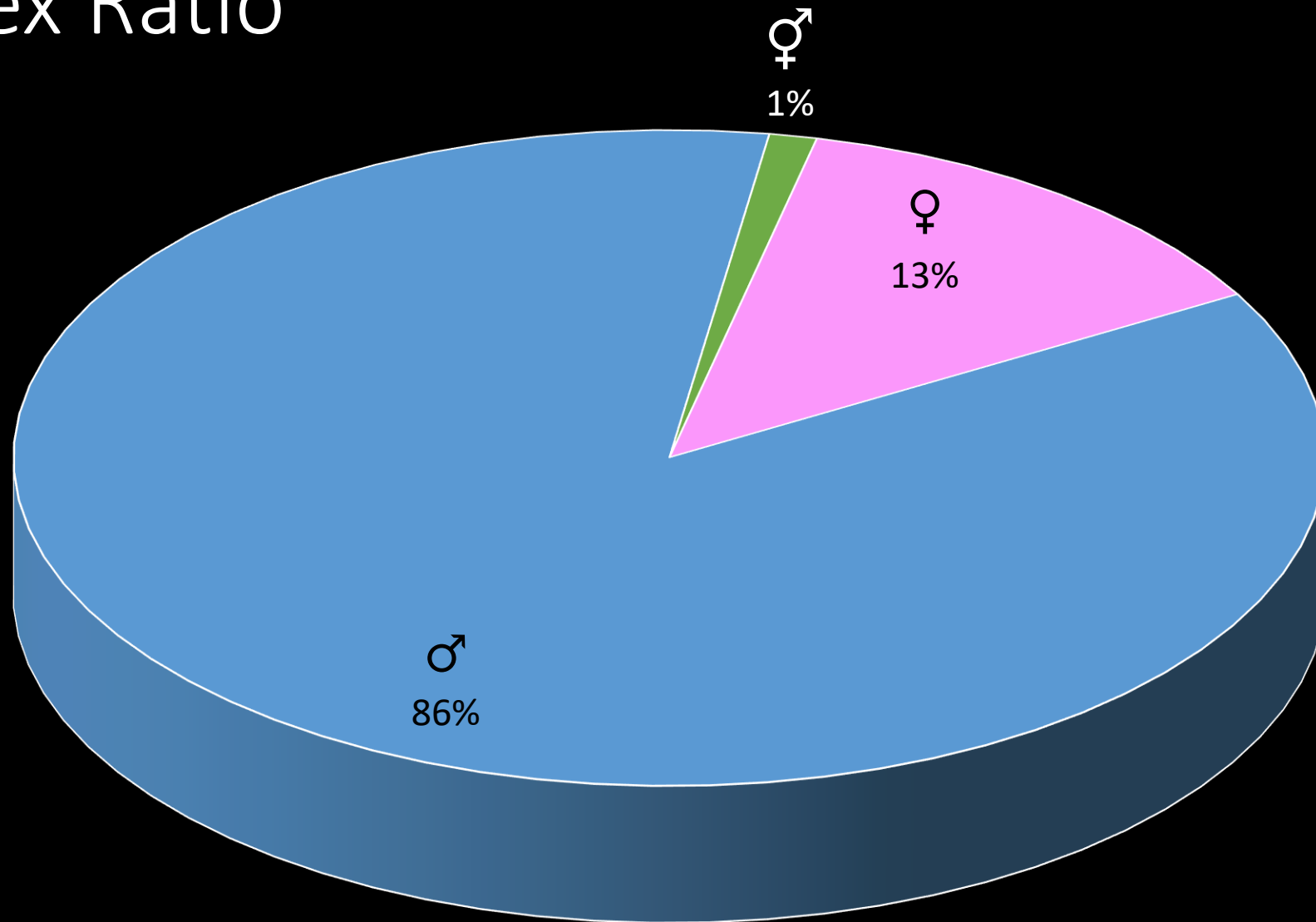
Species



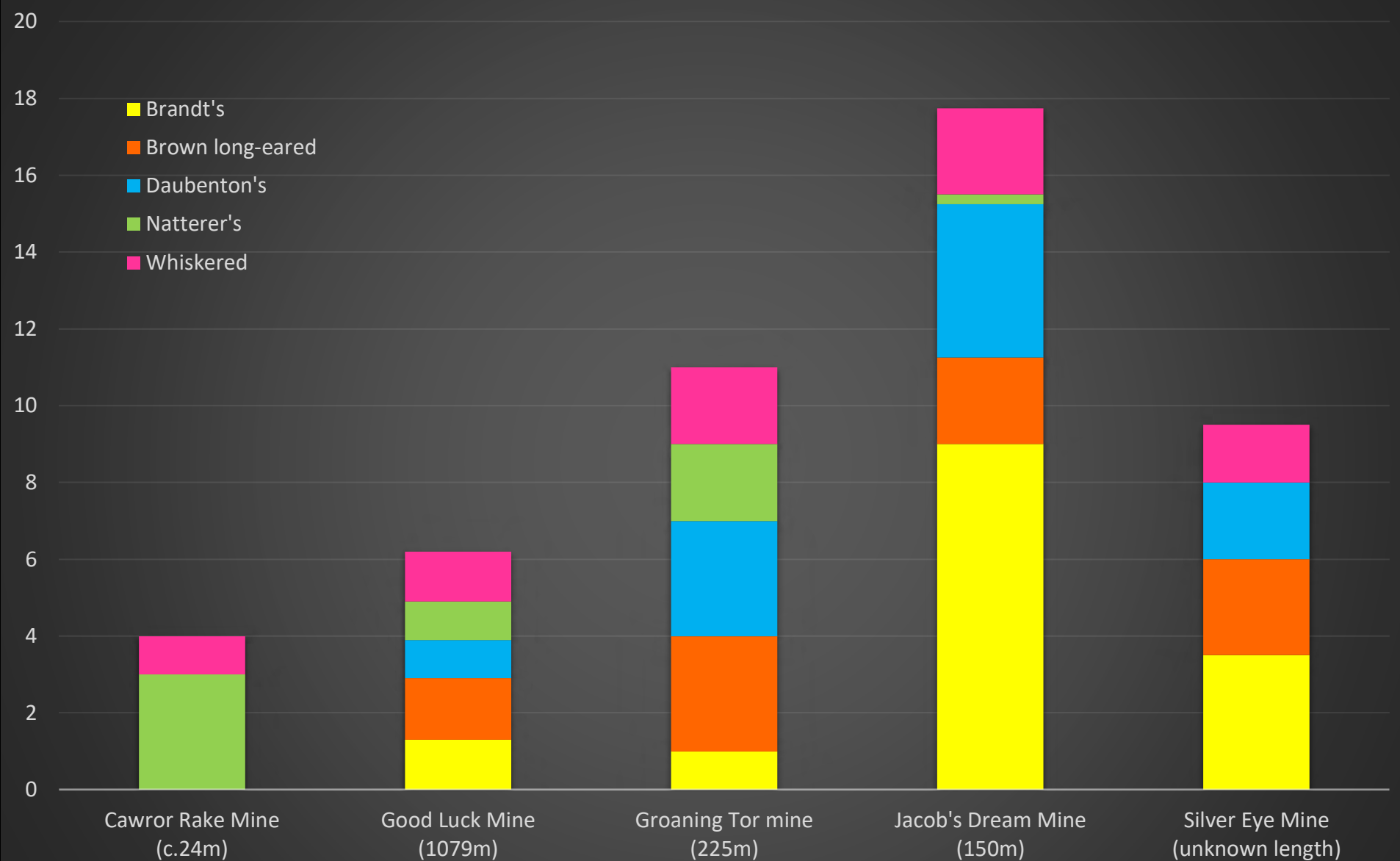
Before: 274 records in the DBCG database.

Further 131
an increase of 47%.

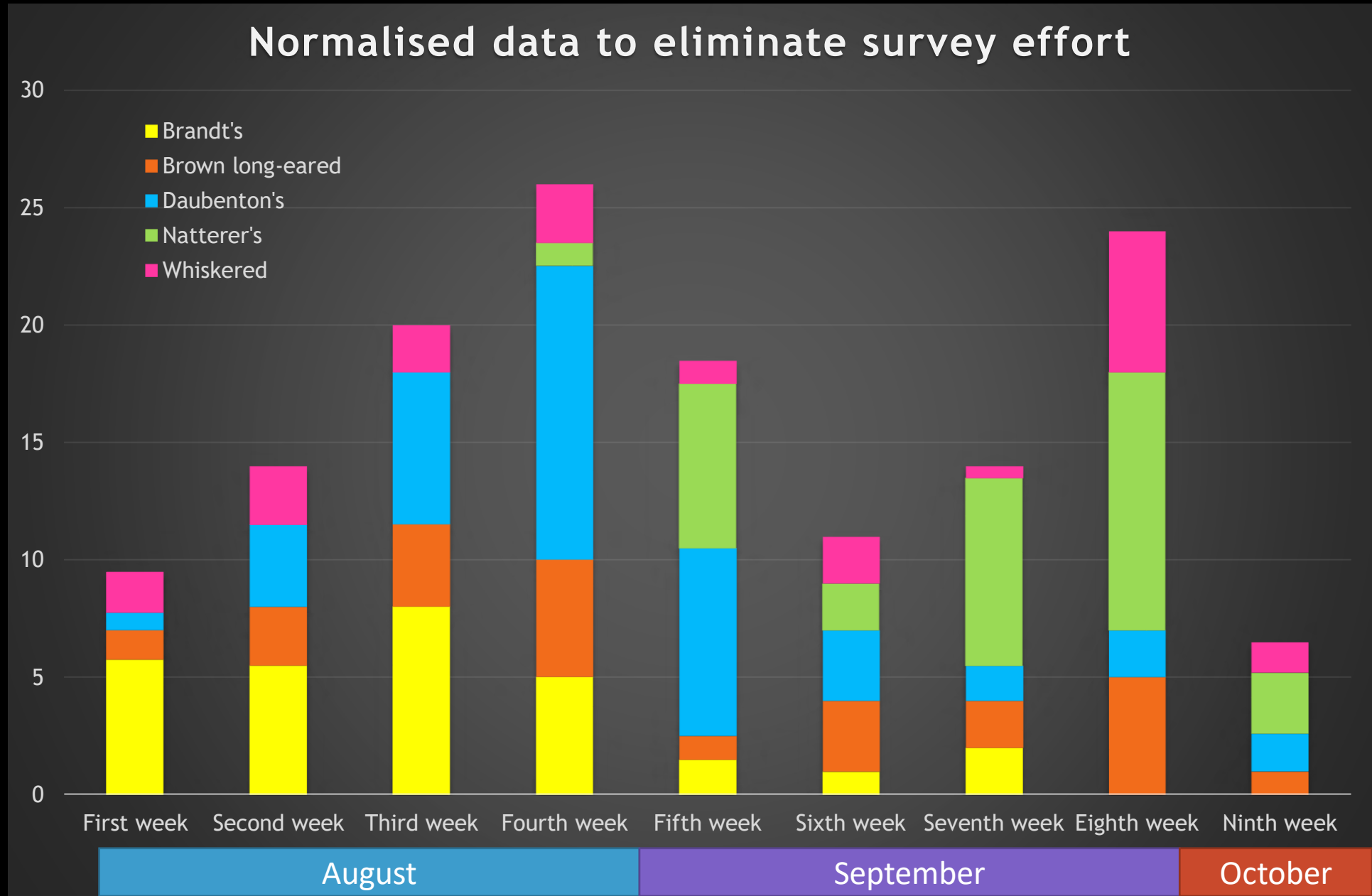
Sex Ratio



Via Gellia normalised



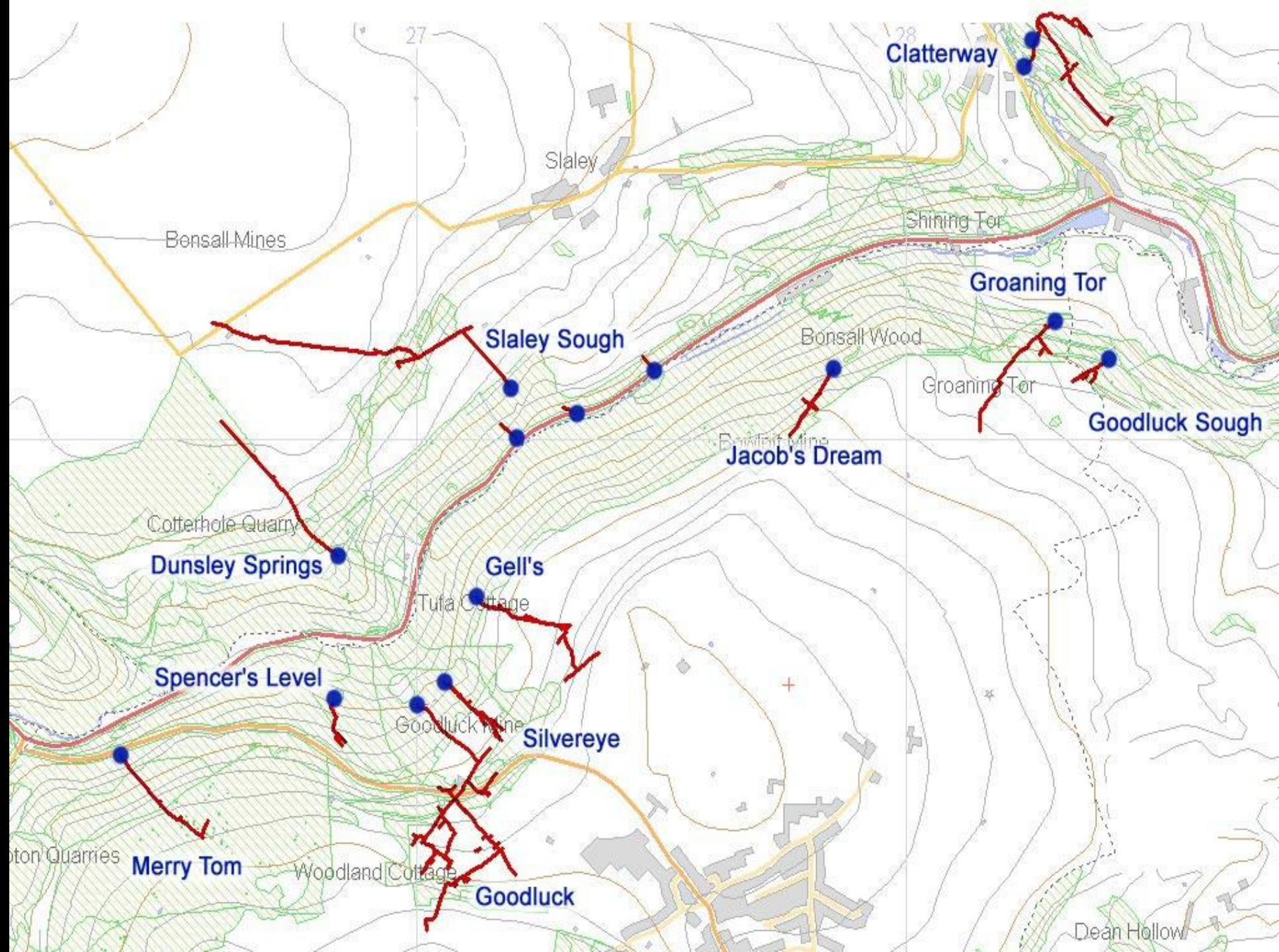
Species trends - normalised



Conclusions

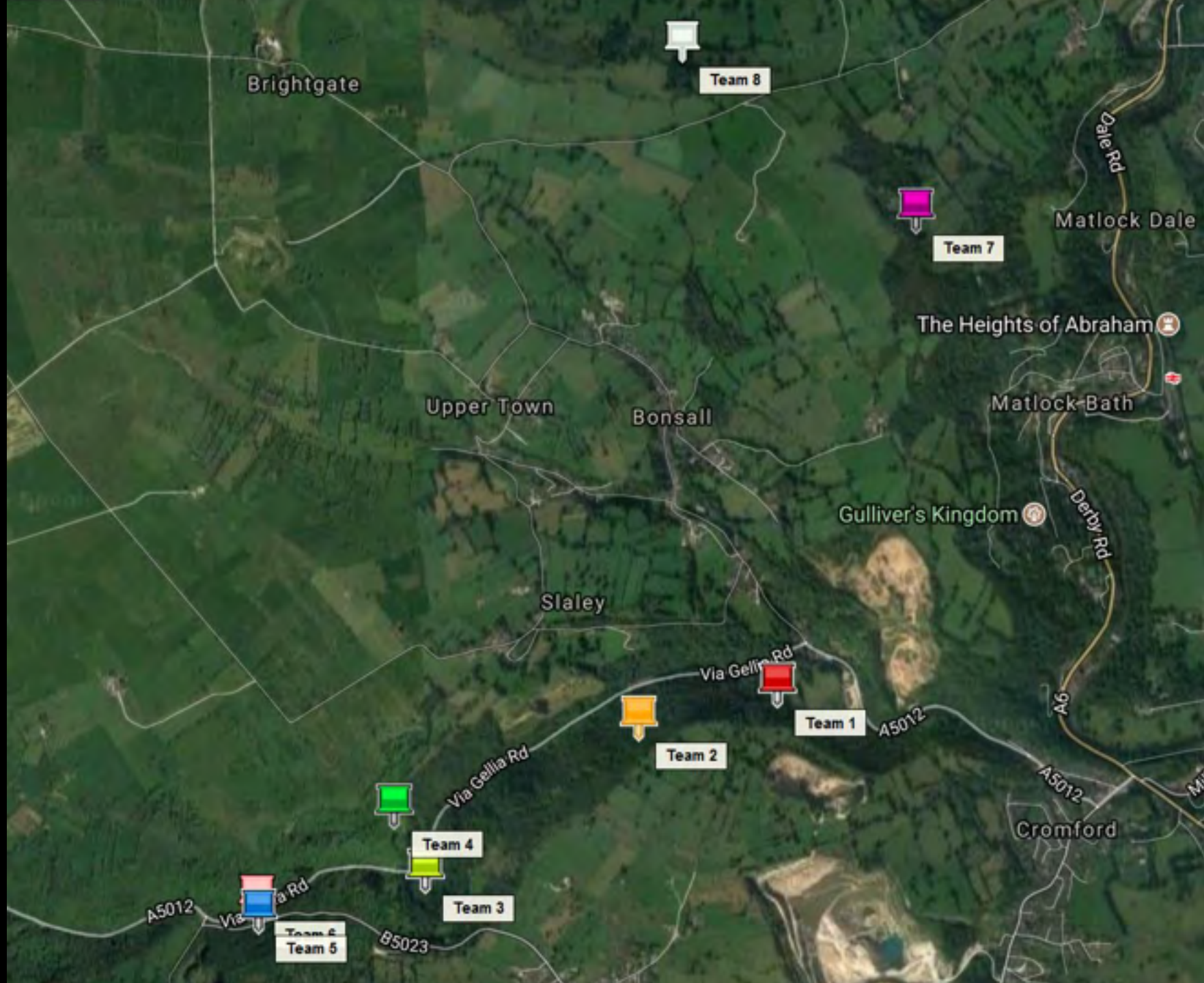
- Swarming occurs at most sites
- Found 2 important sites
- Changed knowledge of Brandt's
- Species mix changes through season













Entrance to reserve

Nutbush

Adit 1

Fallow's Level



Duke's Deep (rough)

Adit 6

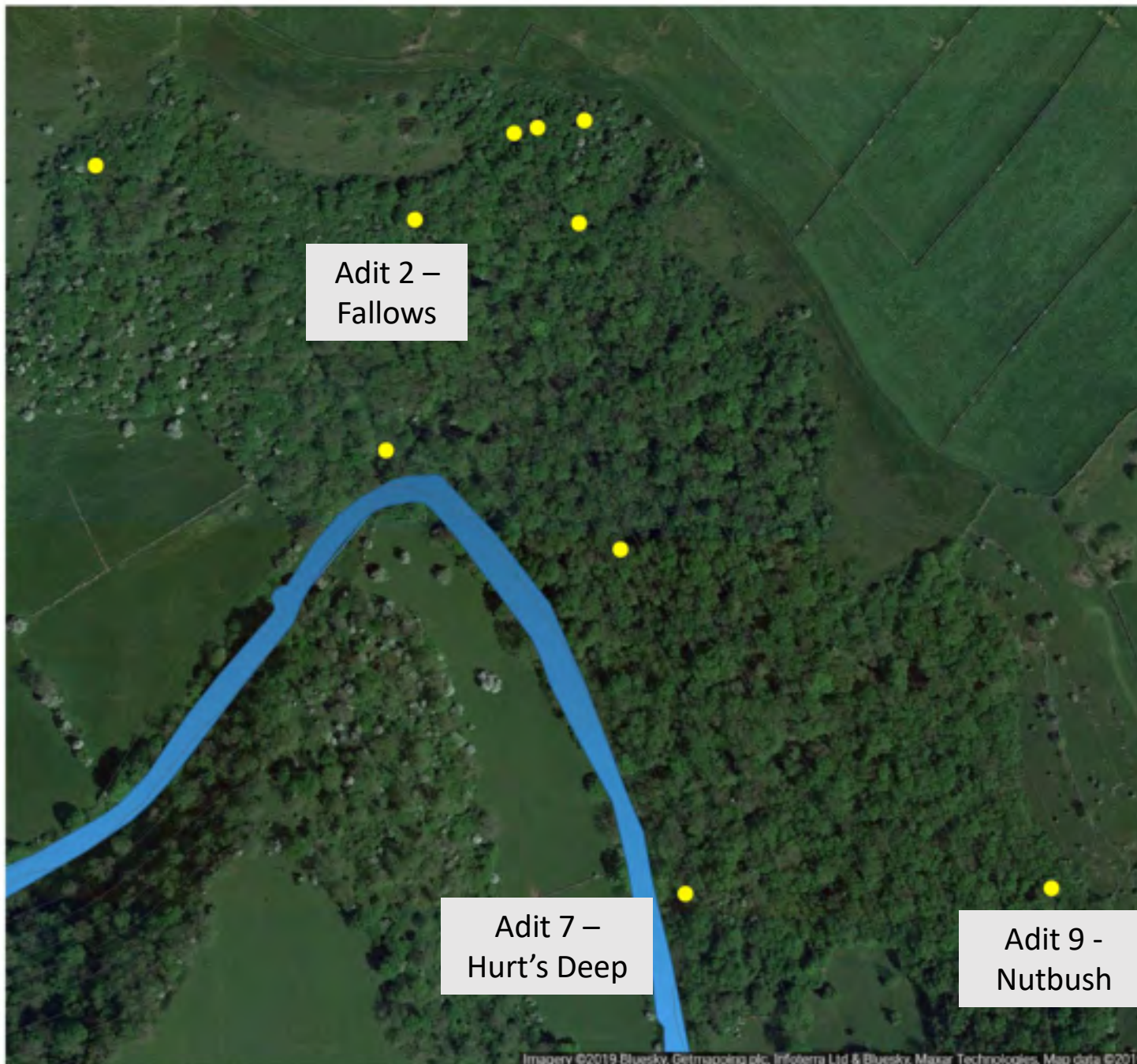
Hurt's Deep

Open grassland to
Hurt's Deep









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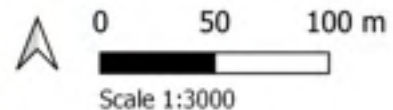
Contains OS data ©
Crown copyright and
database right (2020)

Map generated on
2020-03-07T17:43:13.964

Map showing location of the Bincliff Mines at
Castern Wood Nature Reserve and a heatmap
of the number of bats counted across all
years.
(The dot on the wrong side of the river are
the 4-figure grid references of Derek Yalden).

Adit 7 –
Hurt's Deep

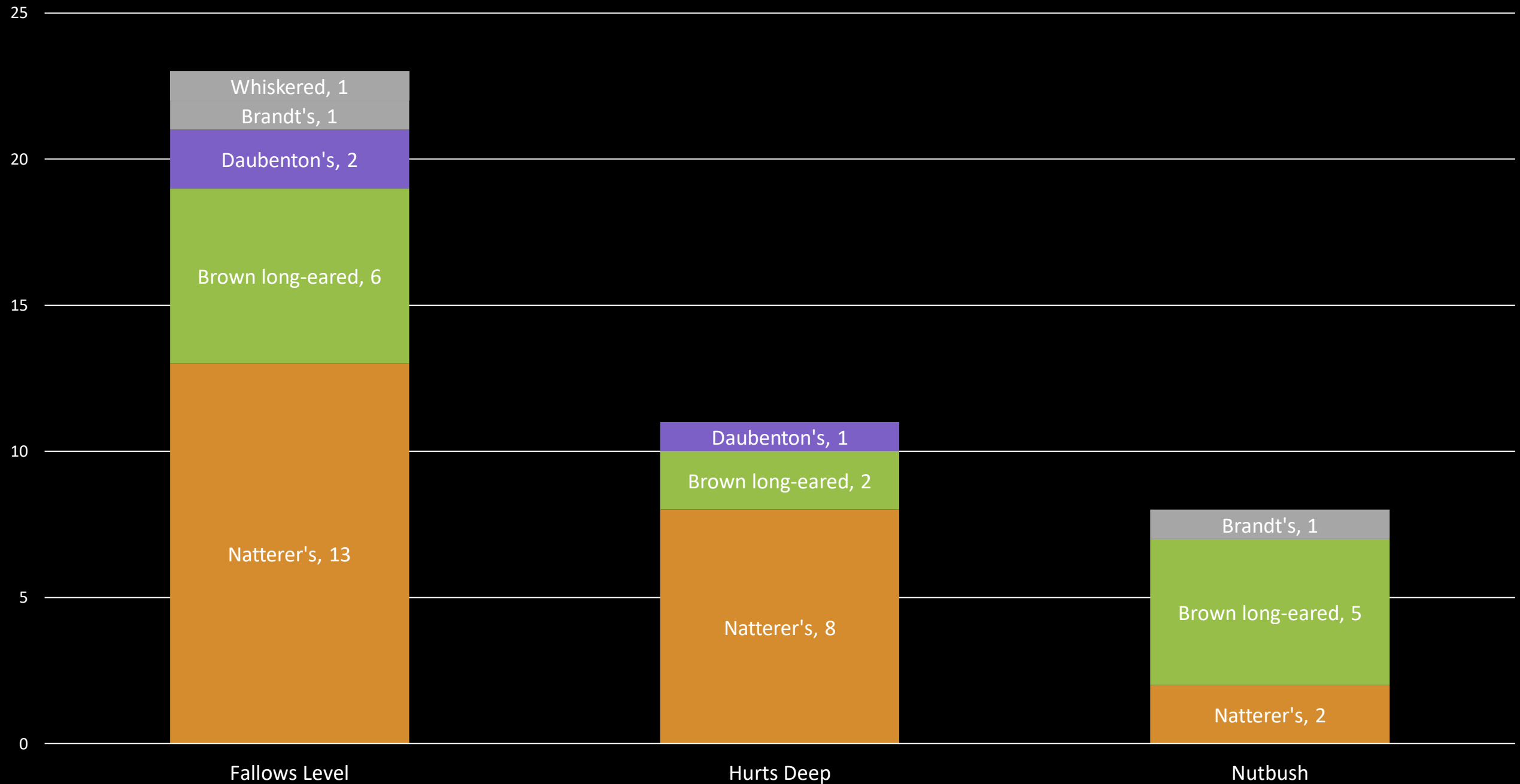
Adit 9 -
Nutbush







Site Breakdown





• **Fallows level**
245 metres asl

403 metres

• **Hurts Deep level**
159 metres asl

• **Nutbush mine**
258 metres asl

