



# SPACE 4 NATURE

Daniel Banks  
Citizen Science Officer.



# My Role

- Training Volunteers
- Plant ID
- App testing
- Engagement
- SBIC Role





# S4N Project Outcomes?

- A useable tool to plan, deliver and monitor Surrey's Nature Recovery Network
- Habitat restoration and creation within B-Lines
- Increased knowledge of Surrey's ecological past and where we should focus our efforts
- Raised awareness of need for habitat connectivity
- A new generation of champions and recorders







**PAINSHILL PARK**  
SUNDAY 25 JUNE 10AM-4PM



# SPACE4NATURE EARTH SEARCH

**JOIN OUR EXPERTS ON  
A FREE GUIDED WALK!**

Register your interest on the day at the Amphitheatre and get ready to explore

11am	Bird Walk
11:30am, 1pm & 3pm	Nature Safari
10:30, 2pm & 4pm	Earth Search Bug Hunt
1:30pm	Dragons & Damsels
3pm	History of Painshill

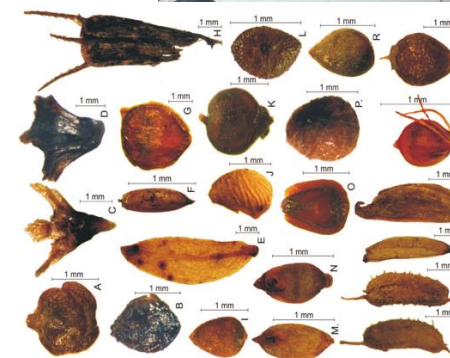


**Painshill**  
@Painshill

Thank you so much to everyone who joined us yesterday to launch Space4Nature! #SurreyS4N

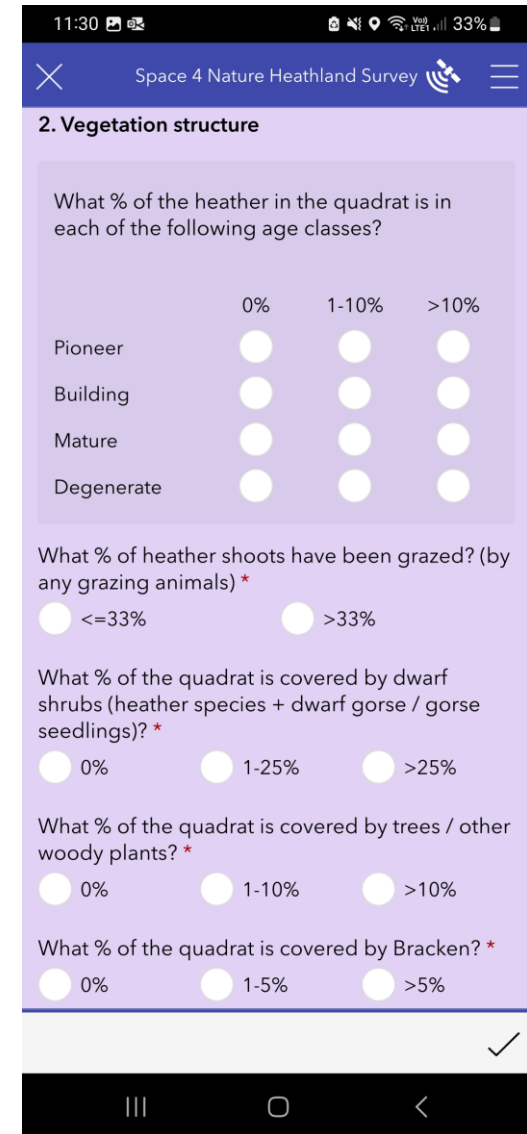
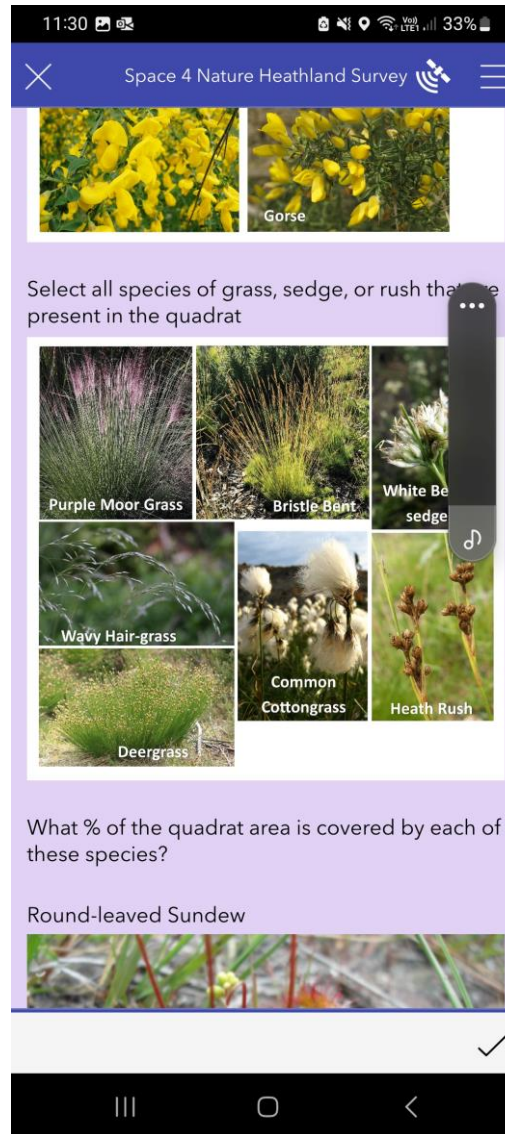
Visitors helped record 300 species including insects, birds, mammals and a rare plant called Smooth Cat's Ear.

@Buzz\_dont\_tweet @UniOfSurrey @SurreyWT @PostcodeLottery





# The App





# The Results

- 130 Volunteers trained
- 176 Quadrats completed on Chalk Grassland
- 315 Quadrats completed on Heathland
- Many species of plants identified.
- On Puttenham Grayling was recorded.





# Chobham Common

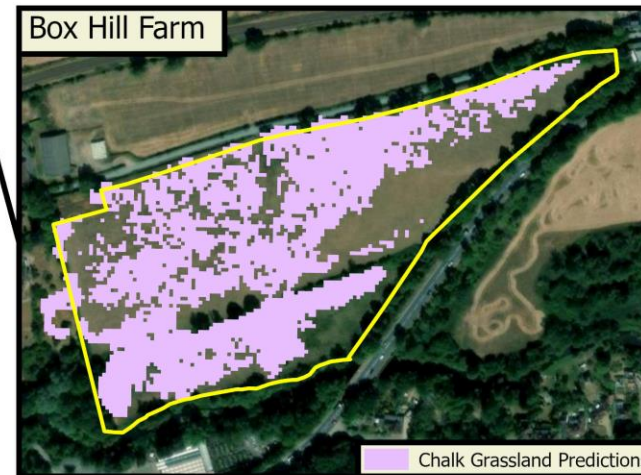
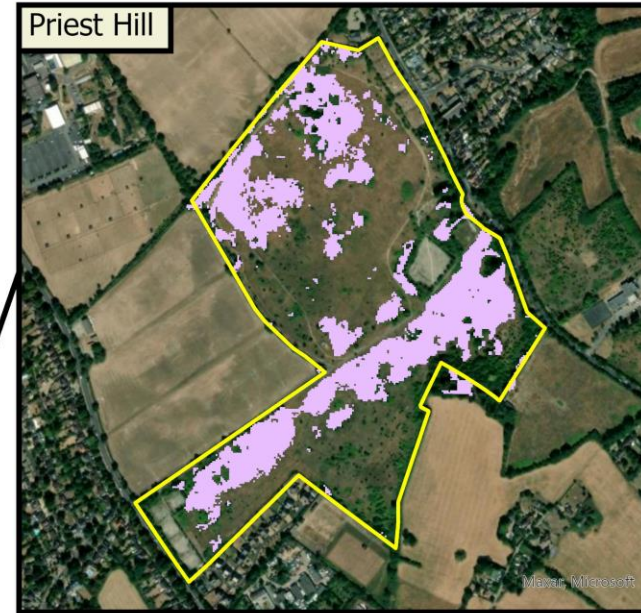




# University results

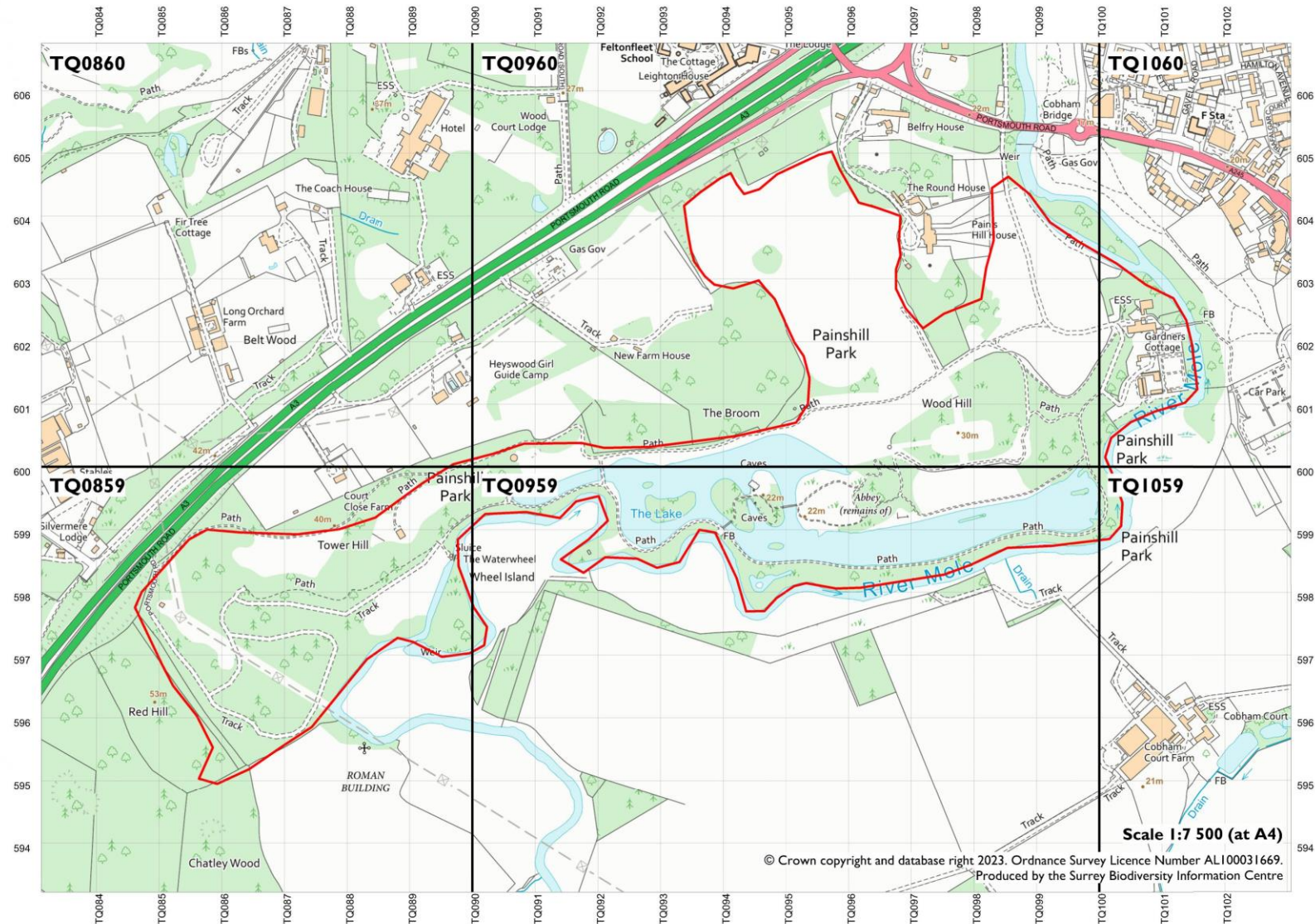


Machine Learning  
(Supervised Classification)





# Painshill Park





# Painshill Park Bioblitz



- Reed Warbler
- Goldcrest
- Common Frog
- Red-belted Clearwing
- Pine Hawk Moth
- Silver Washed Fritillary
- Emperor Dragonfly
- Smokey Bracket
- Scarlet Pimpernel
- Prickly Sedge
- Eurasian Badger
- Kingfisher
- White Lipped Snail
- Green-eyed Flower Bee
- Lesser Stag Beetle (pictured)

Bird	42
Fungus	22
Other-chromist	1
Plant	215
Terrestrial mammal	7
Acarine (Acari)	10
Amphibian	4
Annelid	1
Centipede	1
Crustacean	3
Harvestman (Opiliones)	1
Alderfly (Megaloptera)	1
Beetle (Coleoptera)	27
Butterfly	9
Caddis fly (Trichoptera)	1
Dragonfly (Odonata)	12
Hymenopteran	37
Lacewing (Neuroptera)	2
Mayfly (Ephemeroptera)	1
Moth	14
Orthopteran	3
Thrips (Thysanoptera)	1
True bug (Hemiptera)	20
True fly (Diptera)	42
Millipede	2
Mollusc	5
Spider (Araneae)	8
Total	492



# Next steps

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- Validation of results
- New sites
- New habitats

