

51st annual Amenity Arboriculture Conference



Current and future management challenges at Ethy. Balancing veteran tree management, habitat re-creation and public access in the face of biosecurity threats





Outline...

- Who we are
- Brief history of Ethy
- What's special about the place
- Our current works
- Main conflicts
- Main threats
- The future!





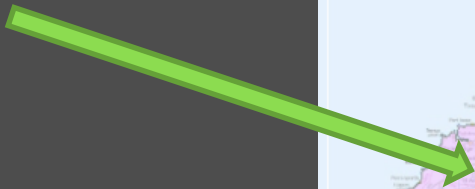
National Trust



- Founded in 1895
- Cares for over 250,000ha of land
- 30,000ha of woodlands
- 300 houses and 160 gardens as well as industrial monuments, museums, pubs, villages, mills, mines.....
- 5 million members
- 10,000 staff
- Over 61,000 volunteers

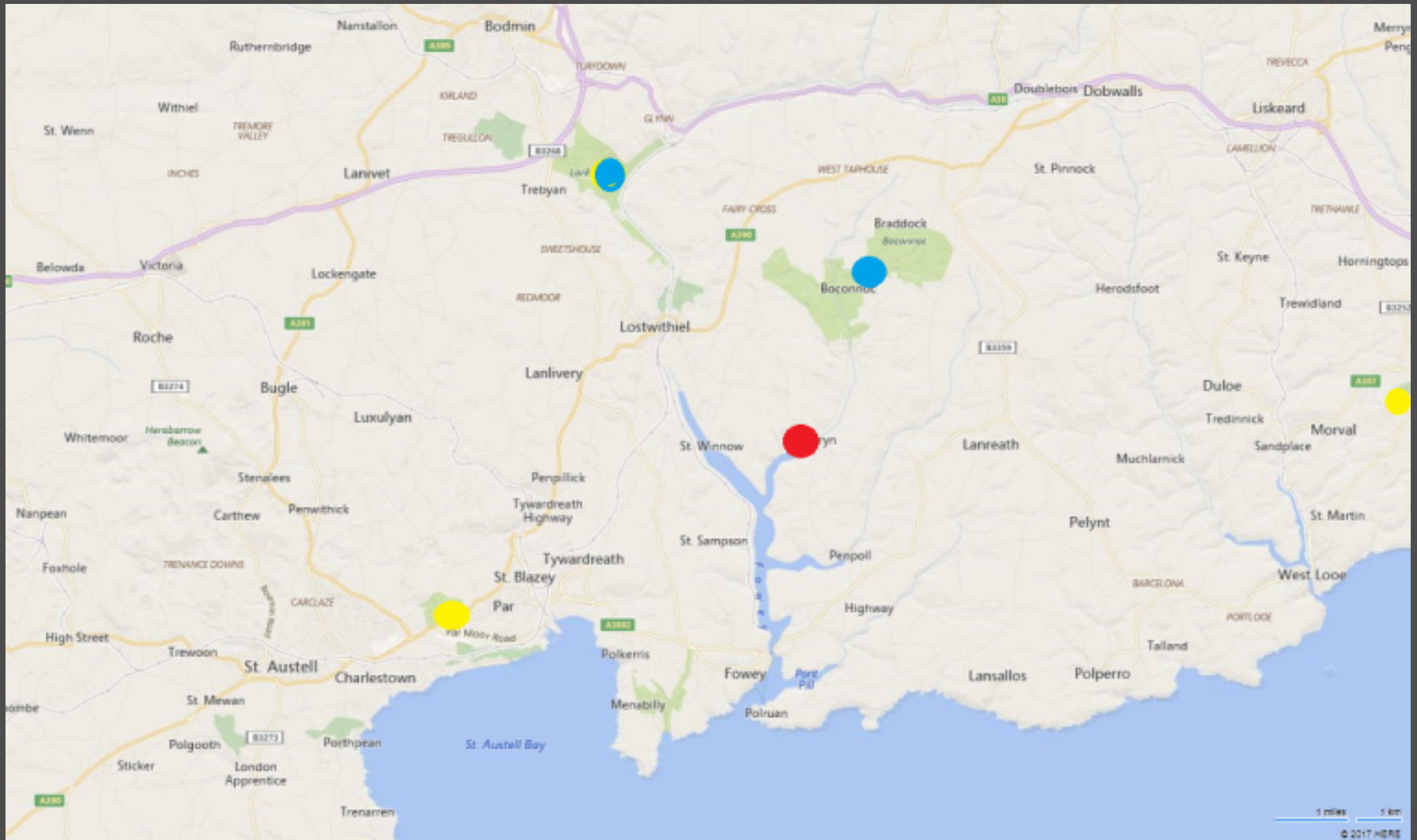


Ethy,
Lerryn,
Cornwall





Ethy, Lerryn Cornwall



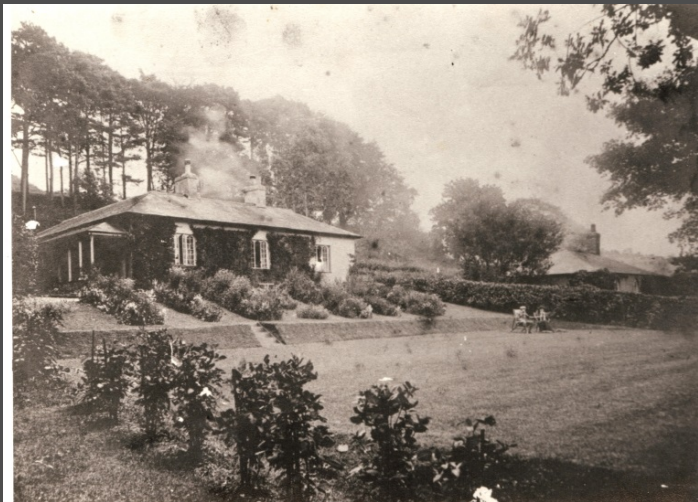


Ethy, Lerryn Cornwall





Brief history of Ethy



- 1st recorded settlement in 1100s
- Present house built around 1750
- 1932 Charcoal making in Ethy wood continuing
- Post War housing estate taken from the SE part of the estate
- 1959 estate given to the National Trust as endowment to St Michael's Mount



- 47ha
- 17ha of Woodland





National Trust at Ethy



- acquired estate in 1959
- Conifers planted in wood pastures in the early 60's
- House and gardens sold in 1989
- farms and outlying lands sold between 1992 - 1996
- Parkland restoration begins 1999
- Orchard restoration completed in 2008
- Wood pasture restoration began in 1997 and is still ongoing





Parkland Restoration





Restoring the Great Orchard









Wood Pasture restoration





Douglas Fir removal





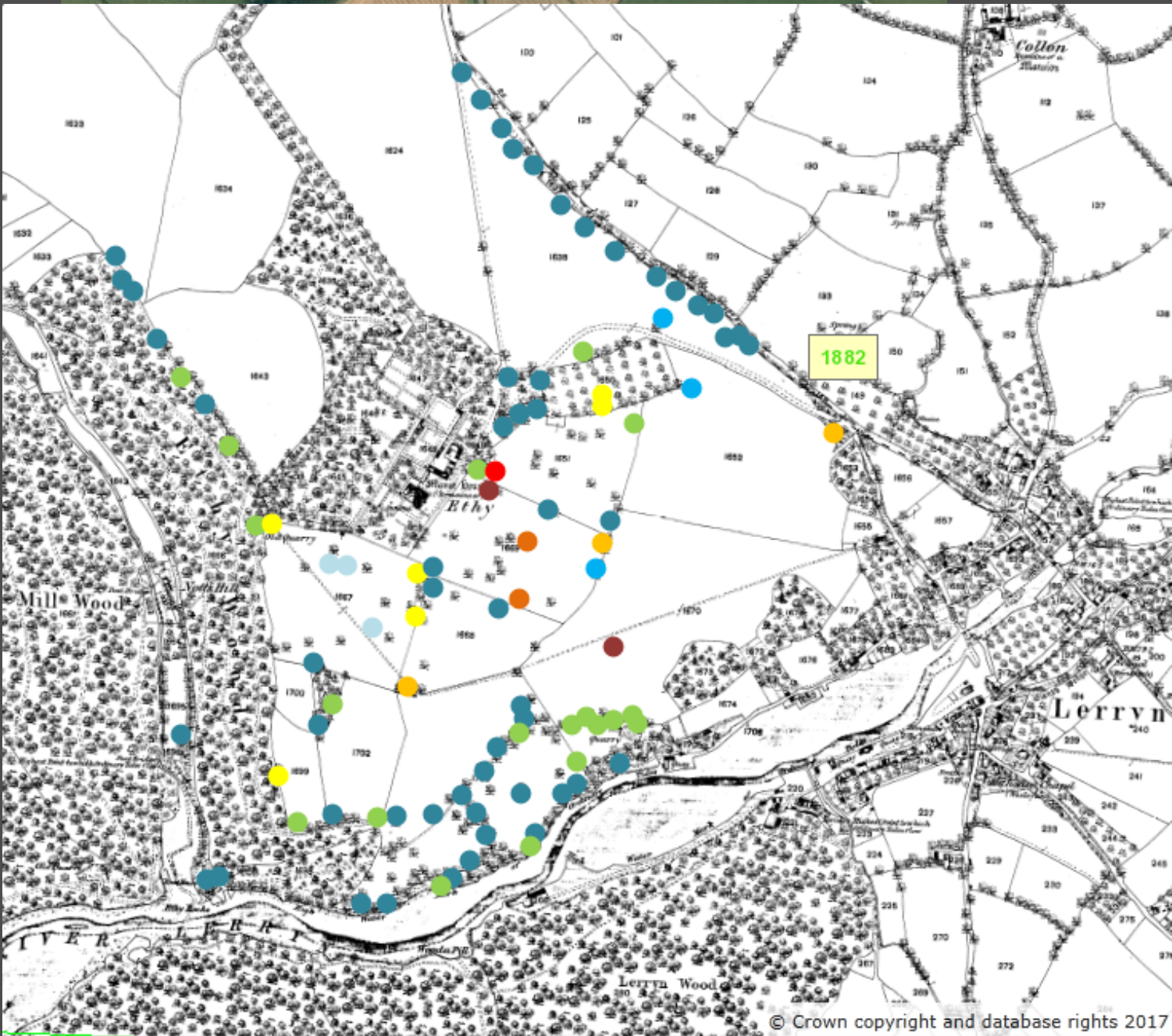
Further works to wood pasture





wood pasture today







Wildlife at Ethy





Wildlife at Ethy





Lichens at Ethy

Ethy	Wood	Park	2013
Total Taxa	142	120	197
NIEC score	39	21	42
EUOCIEC score	6	3	8
Endangered RDB	0	1	1
Vulnerable RDB	0	2	2
Near Threatened RDB	11	4	13
Notable	36	21	44
Nationally Rare	6	3	8
Nationally Scarce	26	15	36
International Responsibility Spp	31	15	35
S41 Spp	4	3	7
RDB & Nb Score	2900	2050	4100
NR & NS Score	1900	1350	2900



Wildlife at Ethy





Dog Fouling





Risk management





Damaged Soils









Drought stress





Sooty Bark Disease

*Cryptostroma
corticale*

One of the trees
that systematically
recorded notable
species





Shedding
bark

Stem
staining







Storm damage

February 2014 – Fowey 100+ mph











High winds in 2016

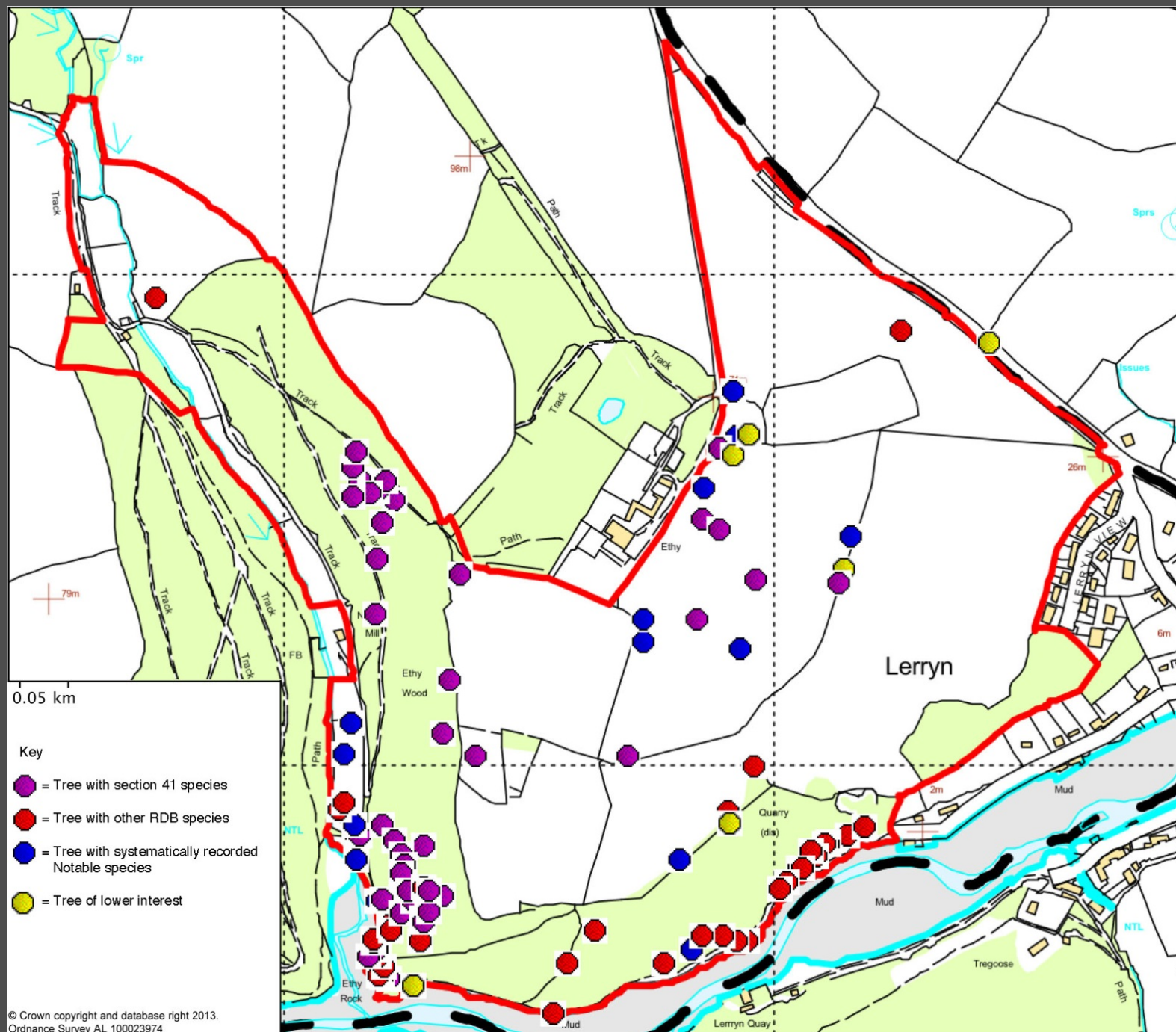




Phytophthora spp.

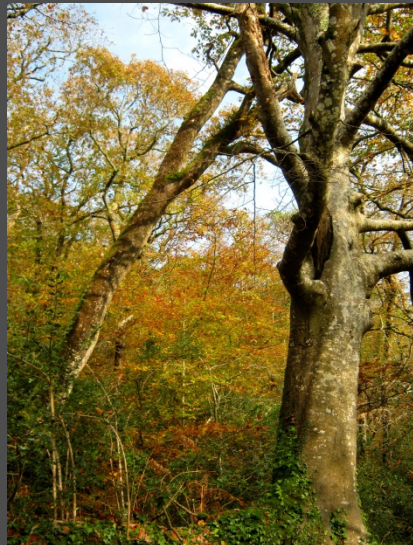
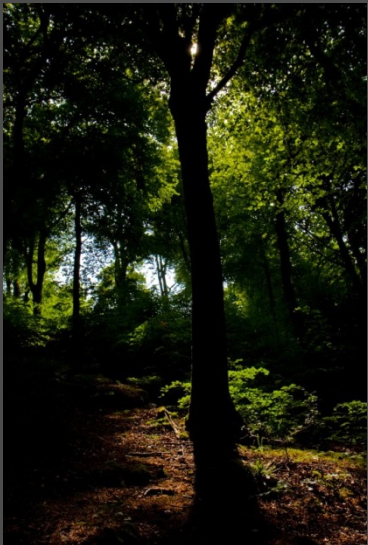








The future?



- Work on parkland soils
- Tree surgery?
- Remove remaining softwood plantations
- New tree planting in parkland
- Control of Holly for Lichens



Summary



- Site and current works
- Small population of veteran trees
- Small area with limited options for re-planting
- Threats from storm damage
- Drought
- Legacy of improved grasslands
- Dog fouling
- Disease



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