Movement of small mammals through a road-underpass is facilitated by a wildlife railing

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Much of road mitigation is focused on large mammals & threatened species

- Curiously, the koala drives (pun intended) much of the mitigation for other species in Aust

- E.g. 1st Austn wildlife land-bridges

Taggart's Hill, neNSW

Bonville, neNSW

- E.g. wildlife exclusion fencing

- E.g. escape ramps

And, railings through underpasses.

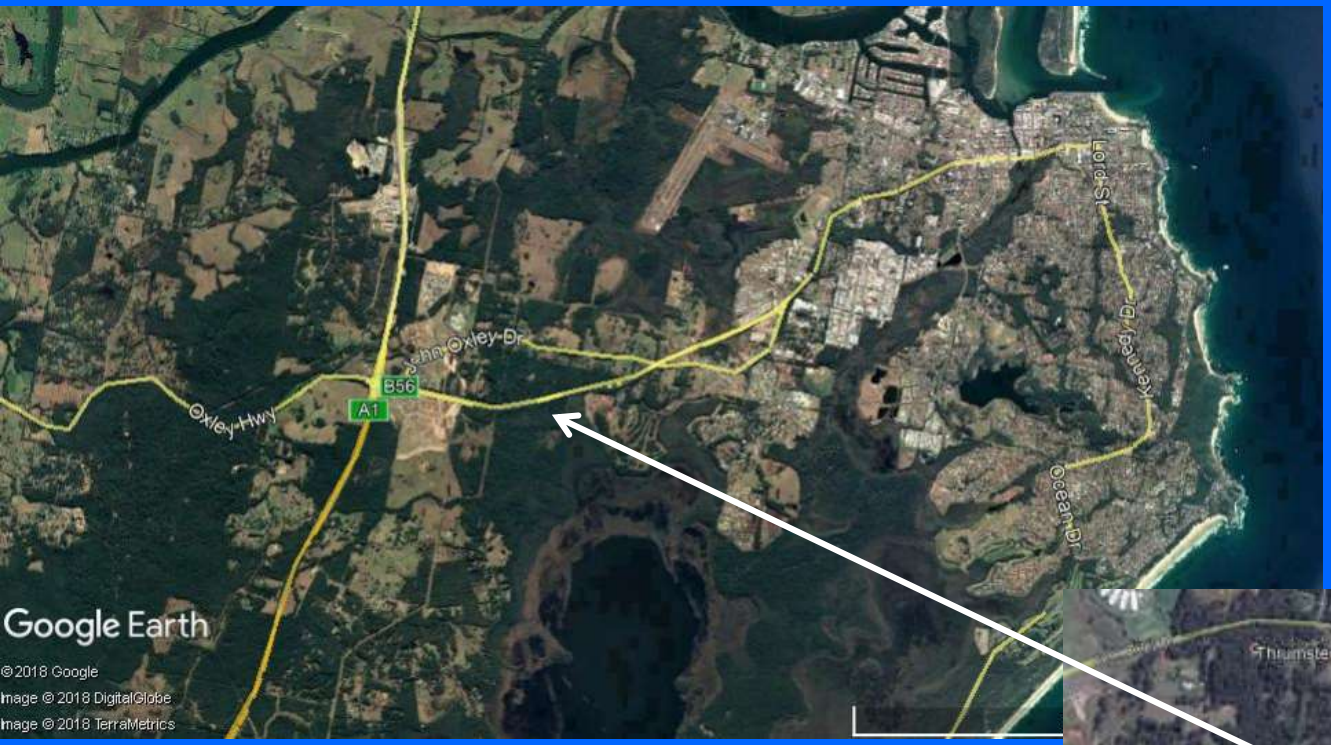
The reasoning is – koalas will prefer to traverse above the ground; may reduce predation.

Source: karuah.thiess.com.au

However, this notion rarely tested.

AMBS (2012) – monitored one ‘koala’ railing at Bonville

We tested this notion – Oxley Hwy, Port Macquarie, mid-north coast NSW



New case studies are fundamental.

Monitoring of underpasses with & without railings

Monitoring of railings and underpasses

We installed IR cameras to monitor underpasses

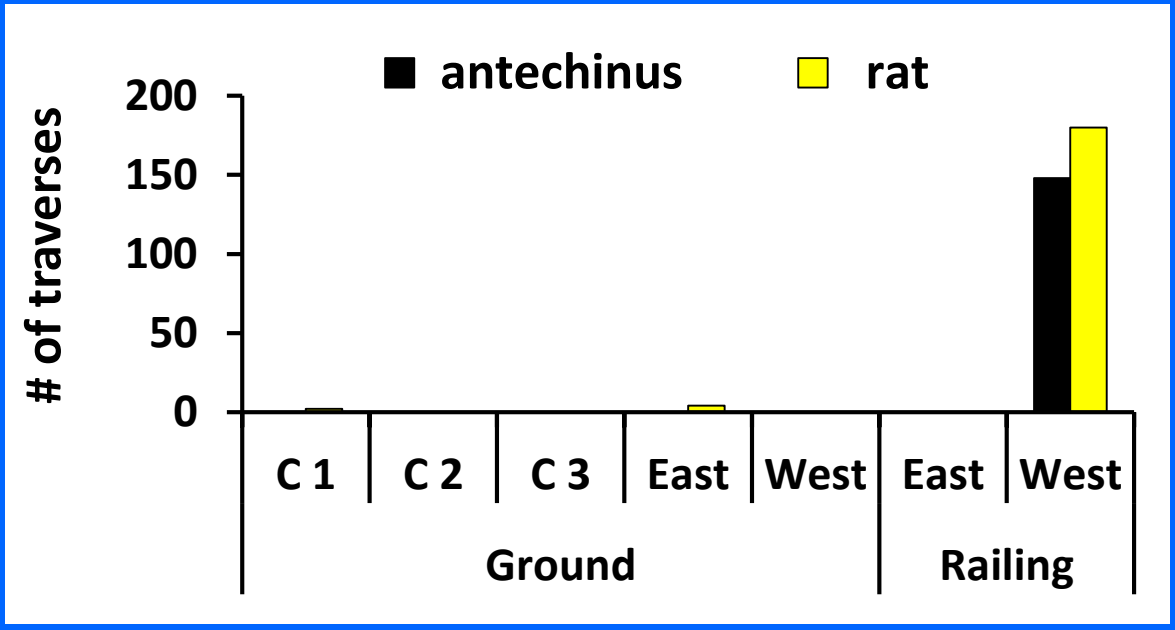
- 2 cameras each; camera close to railing in one

Monitoring of railings and underpasses

n=9

n=31

Monitoring of railings and underpasses



Monitoring of railings and underpasses

Monitoring of railings and underpasses

Conclusions

- More studies needed