Meeting in the middle:

Managing stray cat populations in Australia

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What is a Stray Cat?

Street cat Free-roaming cat

Semi-feral cat

Unowned cat

Alley cat

Lost cat

Street cat

Semi-owned cat

Barn cat

Colony cat

Community cat

Feral cat



- ~ 0.71 million strays in Australia
- ~ 50% of shelter intakes are 'stray'
- ~ 15% of stray population processed by charities

Sources of Stray Cats

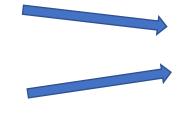
- 1. Lost or abandoned pets
- 2. Accidental/unwanted breeding of pet cats
- 3. Breeding by unowned cats



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Legislation (& enforcement!) for increased responsible ownership

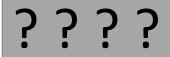
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Sources of Stray Cats

1. Lost or abandoned pets

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Australian Legislation for Stray Cats

- Grey zone, too difficult...
- Open to interpretation Public/controllers determine whether cat is a 'nuisance', guess ownership status & assess temperament



e.g. Seizure of 'free-roaming' cats

Appears to be unowned

Present on, or damage to, private property

Excessive, constant noise

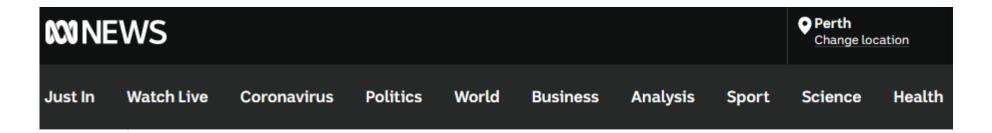
Public areas with food/Threatens public health

Primary production land/>1km from any residence

Conservation/Protected areas

Australian Legislation for Stray Cats

Open to abuse



Alice Springs man fined for using metal traps to

catch cats

ABC Alice Springs / By Mitchell Abram
Posted Fri 18 Dec 2020 at 11:11 am



| Australian Cats | Pet Cats | Stray Cats | Feral Cats |
|-----------------------|---------------------|---|------------------------|
| | | | |
| Population Density | Low-High | Medium-High Low | |
| Average Age | Long lived 7 yrs | Short lived 2.5 yrs | Short lived 2.8 yrs |
| Subject to Elements | No | Somewhat Yes | |
| Food Source | Pet food, wildlife | Scavenging, pet food, Wildlife, scavenging wildlife | |
| % Population Breeding | <20% | 98% | 100% |
| Worming treatment | Majority | Colony – one off None | |
| Vaccinations | Majority | Colony – one off None | |

Stray cats are most vulnerable to poor health & welfare



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Published Australian Studies (1960-2016)

| | Infectious Agent | Pet Cat | Stray Cat | Feral Cat |
|-----------|-------------------------------|---------|-----------|-----------|
| Viruses | Feline Immunodeficiency Virus | ✓ | ✓ | ✓ |
| | Feline Leukaemia Virus | ✓ | | |
| | Feline Herpes Virus | ✓ | | ✓ |
| | Feline Calicivirus | | | ✓ |
| | Feline Corona Virus | ✓ | | |
| | Feline Immunodeficiency Virus | ✓ | | |
| | Feline Leukaemia Virus | ✓ | | |
| Cestodes | Spirometra erinacei * | ✓ | ✓ | ✓ |
| | Taenia taeniaeformis * | ✓ | ✓ | ✓ |
| | Dipylidium caninum * | ✓ | ✓ | ✓ |
| Nematodes | Ancyclostoma spp. * | ✓ | ✓ | ✓ |
| | Uncinaria stenocephala * | ✓ | | ✓ |
| | Toxocara cati * | ✓ | ✓ | ✓ |
| | Toxascaris leonina * | ✓ | | ✓ |

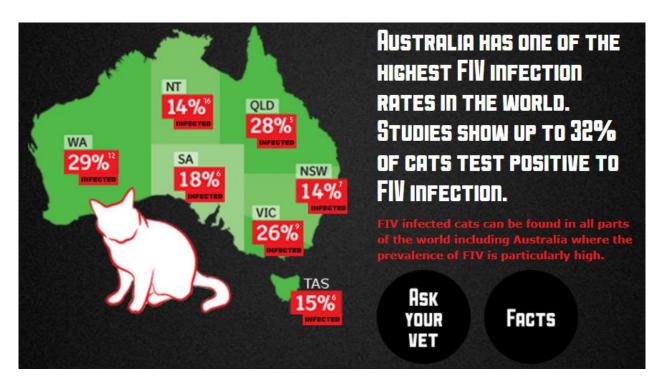
Recreated from Crawford (2019)

* Zoonotic potential

Many are sick with viruses & bacteria

Majority host gastro parasites (e.g. 95% of 188 strays in Perth)

FIV cats actively rehomed by shelters - allowed to roam?





Crawford et al. (2020) Image by HM Crawford.

Look good but are not well

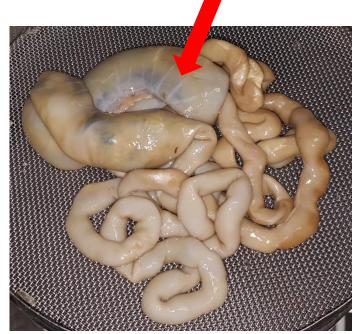
Survival is being boosted by feeders/caretakers, especially female cats

Constant reproduction – Breeding females aged 5 months to 7.5 years, av. 4 kittens

57% had eaten human refuse, including non-digestible items



Plastic blockage Intestine dying...



Crawford et al. (2020)

Breeding colony of fairy terns in Mandurah, WA

Single 'unowned' desexed male cat

Entered breeding sanctuary over 6 nights

Decapitated 6 breeding adults

40 chicks found missing, injured or dead

= Colony failure



"These (local extirpations) can be so rapid that they are easily overlooked."

Greenwell *et al.* (2019) Image by L. England 2018.

Who currently cares about Stray Cats?

'Stray management' is sporadic, usually privately funded & often covert.

Carried out by those most motivated to 'save' stray cats.

- Concerned citizens
- Animal charity groups
- Foster teams
- Hoarders (mental illness)
- Feeders/Caretakers
- Select veterinarians
- Cat activists/Lobbyists



The Australian Cat Action Plan

Animal Welfare League of Queensland

'Getting to Zero' Euthanasias *

(* of healthy animals)



- Australian Cat Federation
- Australian National Cats
- Australian Institute of Animal Management
- Animals Australia
- Australian Wildlife Rehabilitation Council
- Australian Veterinary Association
- Sentient
- AWLA
- •RSPCA Australia
- •National Animal Rescue Groups of Australia.

10x Cat Issues identified

& Strategies developed

The Australian Cat Action Plan

Animal Welfare League of Queensland



No Australian ecologists consulted

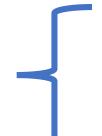
Impact on wildlife attributed to human actions not cats

"This document will become the blueprint for all to use in negotiations with relevant governments & organisations to develop a <u>cohesive national system</u> to reduce the proliferation of abandoned & poorly managed domestic cats (i.e. owned, semi-owned, & unowned (with some <u>direct or indirect dependence on humans</u>) in cities/towns) in Australia."

3. Breeding by unowned cats

= Trap-Neuter-Release of Strays

New 'Evidence' for TNR success in Australia



Tan *et al.* (2017). Swarbrick & Rand (2018).

Wolf et al. (2019).

Rand et al. (2018).

Huang et al. (2018).

Zito *et al.* (2018).

- Overturn illegality of TNR in Australia
- Subtle inclusions in paper discussions, rebranding TNR
- Select referencing of 'successful' TNR programs
- Written with lobbyists often USA

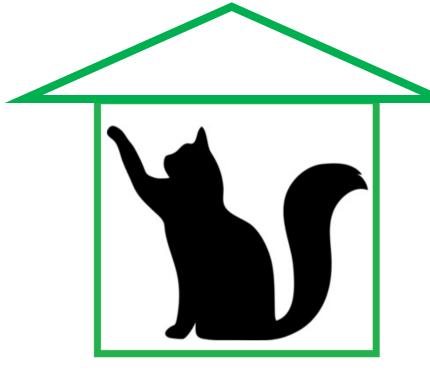


Legislation vs. The Australian Cat Action Plan

Pets
No outdoor access/Curfews

Strays
No euthanasia in urban areas = TNR

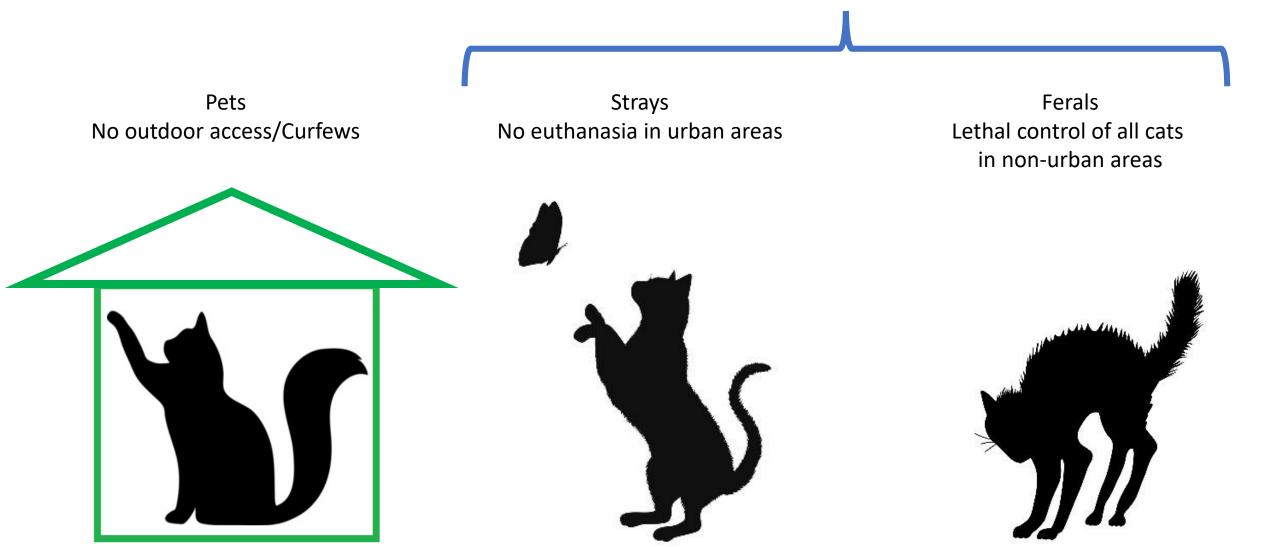
Ferals
Lethal control of all cats
in non-urban areas

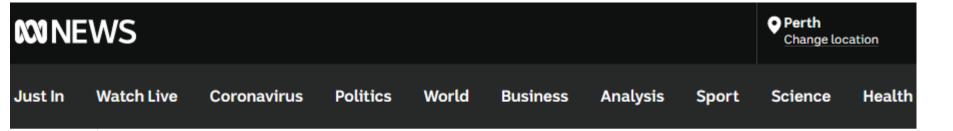






Extend definition of feral cats to include strays





Port of Newcastle's Stockton breakwall cat cull sparks fury after animals maimed

ABC Newcastle / By Giselle Wakatama, Bridget Murphy and Madeline Lewis

Posted Sun 20 Dec 2020 at 11:36am, updated Sun 20 Dec 2020 at 11:59am



TNR colony

Cull due to the increasing risks the cats were posing to the community & the environment.

Engaged a licenced & experienced external contractor to shoot cats.

"The outcome is distressing and does not meet our expectations nor align with the values of the organisation"

Scotney et al. (2023) The impact of lethal, enforcement-centred cat management on human wellbeing: Exploring lived experiences of cat carers affected by cat culling at the Port of Newcastle. Animals 13(2), 271.

Future Cat Management

- Using 2 categories instead of 3 may make it easier to 'deal with' cats in some areas
- However, the public is watching & is vocal
- Bad press = loss of social license
- Confusing & Polarising Save all vs. Kill all
- Undo all the excellent work on cats in Australia
- Unified approach to pet, stray & feral legislations within/across states



References:

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- Google images @2023

Thank you!