
Aim:
The aim was to determine whether Livestock guardian dogs behaviour towards predators is consistent with defence of a larger territory that encompasses the stock, or is based on repelling predators that closely approach livestock.

Type of Study:
Manipulative experiment

Key Results:
Our results showed that protection by LGDs extends beyond the immediate vicinity of livestock, and is consistent with the defence of a larger territory.

Treatments:
Distance of wild dog incursion, sound and scent manipulations

Response:
Where possible, training and management of LGDs should allow them to range freely over large areas so that they can develop and exhibit territorial behaviour, and they should be deployed in groups so that group members can assume complementary roles

Models:
Frequentist

Reviewer:
Aaron Greenville

Locations:
north-eastern Victoria, Australia

Response variable:
Maremma ranges, Responses to playbacks,

Replication:
10

Ecosystem:
north-eastern Victoria sheep grazing.

Full Reference:


Links