

Majura Paddock and Drain Line Restoration

The aim of this Project is to restore the grassy woodlands of the degraded paddock and the drain line that runs through the paddock, and to establish a wildlife corridor along the drain line.

Project relevant Records, Figures, Calculations

Fenced Area: 6.85 ha (GPS, area calculation in ArcView)

Grassed Area: approximately 3.5 ha (GPS, area calculation in ArcView)

Rabbit survey 2008/09: 2.6 warrens / ha within Majura paddocks

Dry Sheep Equivalent (DSE) = 40 kg adult non-lactating Merino sheep

1 horse = 13 DSE

1 kangaroo = 0.75 DSE

1 rabbit = 0.12 DSE (8 rabbits = 1DSE)

The Dry Sheep Equivalent (DSE) is a standard unit frequently used to compare the feed requirements of different classes of stock or to assess the carrying capacity and potential productivity of a given farm or area of grazing land.

Grazing pressure estimates Grassed Area

Rabbits: 6.85 ha x 2.6 warrens/ha x 4 rabbits/warren = **71**

DSE [Rabbits] / ha Grassed Area: 71 rabbits / 3.5 ha Grassed Area x 0.12 = **2.4**

DSE [Kangaroo] / ha Grassed Area: 4 kangaroos (estimate) / 3.5 ha Grassed Area x 0.75 = **0.86**

Horse agistment: up to 13 horses in the late 1990s

DSE [horse] / ha Grassed Area: 13 horses / 3.5 Grassed Area x 13 = **48**

DSE [horse] / ha Grassed Area: 1 horse / 3.5 Grassed Area x 13 = **3.7**

Likelihood of natural regeneration of native perennials, non-drought conditions (Dorrough J, Stol J, McIntyre S (2008) Biodiversity in the Paddock: a Land Managers Guide. Future Farms Industries CRC):

0.6 @ 2 DSE/ha

0 @ 10 DSE/ha

Project Information

Location: Mt Majura north of the lower Hackett water reservoir off Rivett and French Streets, Hackett

Rehabilitation Steps:

2004 control of woody weeds

2007 control of herbaceous weeds: Paterson's Curse; ongoing

2006 planting shrubs and ground cover along drain line

2008 control of herbaceous weeds: horehound, ongoing

2008/09 and 2009/10 rabbit survey and control

2009, 2010 planting of local trees, shrubs and ground cover on National Tree Day 2009/10

Sponsors: Molonglo Catchment Group; North Canberra Community Council; Greening Australia

Management and contact: Friends of Mt Majura ParkCare Group; admin@majura.org

December 2010