

DRAYTON RESERVE VOLUNTEERS

ANNUAL REPORT 2017

This report generally follows the order of subjects in the website, reporting on issues to be monitored over 2017.

Volunteer Numbers.....123 (up 53 on Dec '16)

Working Bees.....32 (including 6 casual watering bees)

Volunteers attending.....293

Volunteer hours.....440 (at 1.5 hrs per bee)

Health & Safety.....1 accident (rib fracture)

Plants....total species.....60 (up 20 on Dec'16)

.....seedlings planted...920, lost (estm.)...100 (Nov drought), net gain..820

.....total area planted.....4,000sqm (up 1000sqm dense plantings on Dec '16)

Excluding infill planting and areas of older plantings.

.....sample tree growth rate (not measured)

.....carbon sequestered (not measured)

.....panorama photos.....see link

Animals....bird counts...av. native..53, av. Introduced..55 (37:75 last year)...see link

....reptile counts (not measured)

....fish counts (not measured)

....invertebrates (not measured, but logs installed)

....tree weta....nil (3 motels erected for 3 months)

....pests trapped....wasps..0(no traps), mice..103, rats..33, rabbits..8, hedgehogs..6

possums..19, weasels..4.

Water.....structures operating (not checked yet)

.....flow levels (not measured)

.....rainfall.....803mm (27% above av., very high in Apr (3x av.)and Jul (2.5x av.)

and very low in Nov (1mm cf 43av.)

.....water quality (not measured)

.....water biota (not measured)

Rock & Soil.....erosion.....high activity below Craigieburn Lane of slumping and seepage onto track, making it very muddy for weeks. Active under-runners crossing track to Drayton Drive. Seepage and silt from Law Lane onto main track.

Education.....named stakes.....more tree named stakes installed

.....student visits.....70 from Mt Pleasant Primary in Sept. and
24 from Redcliffs Primary in Nov.

..... research.....Jonathan Davidson Univ. Cant. Drone digital image of Reserve
.....Alex Wilke Uni. Cant. (Student) Watershed modelling and
stormwater impacts in Reserve

Access & facilities.....boundary encroachments...Ranger has talked to one neighbour

.....track condition...gravel put on muddy and slippery sections and
8 slot drains installed

.....litter.... numerous dog deposits, very little other litter.