

DRAYTON RESERVE VOLUNTEERS

ANNUAL REPORT 2018

This report generally follows the order of subjects in the website, reporting on issues to be monitored over 2018.

Volunteer Numbers.....148 (up 25 on Dec '17)

Working Bees.....38

Volunteers attending.....299

Volunteer hours.....449 (at 1.5 hrs per bee)

Health & Safety.....no accidents

Plants....total species.....66 (up 6 on Dec'17)

.....seedlings planted this year...975, lost ...35 (estm), net gain..940

.....area planted this year.....2,000sqm

.....total area of canopy plantings now....6,000sqm (excl. old plantings)

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

.....carbon sequestered (not measured)

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

Animals....bird counts...av. native..67, av. introduced..50, (53:55 last year)...see link

....reptile counts (not measured)

....fish counts (not measured)....but first Kokopu found

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

....tree weta....nil (3 motels erected for 15 months)

....pests trapped....wasps..0(no traps), mice..55, rats..24, rabbits..5, hedgehogs..6

possums..15, weasels..3. Total..108 (last year 173)

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

.....flow levels (not measured)

.....rainfall.....862mm (37% above av.), last year 803mm (27% above av.)

.....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 in valley floor.

Education.....named stakes.....additional tree name stakes installed (total now 19)

.....student visits.....A group of 100 from Mt Pleasant Primary in Nov. and

Several Mt Pleasant students at working bees.

..... research.....Mt Pleasant year 8 student group project on Native Bird Care.

Access & facilities.....boundary encroachments...no actions

.....track condition...slot drain clearing

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