

Eltham Copper Butterfly Survey Sheet 2018

See ECB Maps of Kalimna and choose an area to survey (Proposed burn area is a priority, or you choose any area). Keep a record of where you have searched so we know the locations of where ECB are and are not. Record the

Aims of Project

To determine where Eltham Copper Butterflies (ECB) are within Kalimna Park so that DELWP proposed 2018 Autumn fuel reduction plans can be carried out with care for this nationally endangered and protected species.

Methodology

Search for ECB in all areas of Kalimna Park where there are Sweet Bursaria (*Bursaria spinosa*) for flying adult ECB.

Carefully “wander” through areas where there are dense or connected patches of Bursaria. Take care not to trample vegetation. Pick a route so that you minimise double counting.

Time of Day/year: ECB are mostly active and flying on days that are **cloudless, sunny and at temperatures >20 to <30 °C between end Nov and start April** (peak numbers usually in December with a 2nd smaller emergence in March).

GPS Locations: If you do not have a GPS, we recommend the ‘Australian Topo Maps’ GPS App for a smart phone is the. It is important that we all use the same coordinate system. Go to the menu in the top right-hand corner and choose preferences, the units ‘metric, default coordinate format UTM (WGS84) and reference system ‘WGS84. Back on the home screen if you press the icon at the top left-hand corner next to the menu it will show you your spatial reference. All data will be collated and entered into the Victorian Biodiversity Database which government staff use for land management.

Submitting Data sheets

All your datasheets can be given to Elaine (0431959085) or Karl (0434815374). For speed of collating data you can text a screen shot of your sheet so that information can be submitted prior to the proposed autumn 2019 burns.

number you see so we can determine population size.



Eltham Copper Butterfly. Wingspan 2-3cm.



Common Ground Butterfly, 6-7 cm Wingspan



Green shaded area is autumn 2019 proposed burn