he growing of exotic forests in New Zealand, formerly riewed with suspicion, is now being justified by demands. for war-time projects. Finus radiata, which twenty years ago was little used now ranks third of all commercial timbers. It supplies all fruit casings and much temporary building material, and in addition large ... quantities are required for munition containers, and for concrete bo ing.

Utilization of Waste. Restriction of paper imports has necessitated the use of suitable thinnings for rough types of paper and cardboard-making, and dangerous waste material is now consumed in the production of formerly imported fibre-boards and mill-board . Such - ... utilization increases the management efficiency and bygiene of these forests.

. A major problem for long has been the utilizattroit of thinnings, which in larch clantations formerly it gave a return too small to render the operation economical al; however war bime use in tunnelling brenching and shelven building and in power and communication dines now enables this process to be carried out on a finance fally sound basis. ly sound basis.

Charcool os a war-time commodity is being in

produced from weste material of beech milling and from sant

The trand of demand, therefore, is naving a significant influence upon the use and treatment of our forest areas.

THERESSIONS OF BUTTERFLY CREEK,
On November 29th three fortunate Bot. Soccers. undeserred by heavy rain at getting-up time, wisited Entterfly Greek. The day was ideal. A fresh wind was s welcome sour up the shoubby hillsides. Within the and wall beech forest, filmy ferms and bryophytes, refreshed by the rain, looked very different from the parched, surled and facet shadows of therselves which alone might have been seen in drier weather.

The trip was particularly satisfying for the orchif-lover. Ground orchids were first met with in the stunted wind-swept scrub -- two species of Thelymitra ne is flower, and a fruiting specimen of the dainty Gairy Caladenia minor. In the beech-forest patches of

Corysanthes triloba, some fruiting, were common. There was one small clump of Chilrglottis corntta, with broad membranous leaves, characteristically two to a plent, and rether large green flowers the leafless mottled flower-stalks of Gastrodia commissions were found to be plentiful when once the commission of the c A few of the large brownish-white flowers were fully open. This leafless orchid is a saprophyte, obtaining its organic nourishment from humus, with the aid of the fungus which inhabits its underground tubers, instead of elaborating it from carbon dioxide and water as do plants possessing green

leaves. In the swamp-forest on the level area between Butter-Try Creek and Gollan's Stream, the broad-leaved epiphytic orchid, Sarchordius adversus was seen in flower. Here also orchid, Sarchordius adversus was seen in flower. Here also the ground was starred with shed corollas of putaputa (Carpo-the ground was starred with shed corollas of putaputa (Carpodetus serratus). A strange and unknown shrub later proved to devus serratue). A strange and unknown shrub later proved to be Sugenia malret that myrtaceous tree confined to swampy ground. Trom which it raises untidy masses of serating roots. On the way to the fire-place (where later billies, milk, and sugar were found to be superabundant and tea by no means forgotten), the ground was stream with upolicy for clusters of metal new hours and minesolder.

clusters of matal, new brown and rain-sodden. Growth stages of another podocars were also of much interest - kanikatea seedlings a few morths old, plentful on several small patches of wet ground, suggesting that 1942 had been a good seed-year for this species, and that germination conditions had been favourable. Beyond the fire-place, the undergrowth is a paradise

out outing surdus.

The homeward trip was made via the MacKenzie Track.

where wood-rotting fungl of the shelf type of the cobrown of yporus tabactnus on at 11 tream, white over their
tephrus; stout young specification and the control of the co of divar cating shrubs.

whole surface, made a striking signt on the under-surface of a log, was brown on top.

The control of the log of the log of the log of a log, was brown on top.

The log of a log of the lo

THE MOSSES OF WATERFALL GULLY IN THE TARARUA FOOTHILLS, NEAR CARTERTON.

(This article relates to a field of New Zealand botany in which few records are available. A similar but more general paper "Mosses and their Habitats in the Atiamuri District, New Zealand" by Mr K. W. Allison, was published in .931 in the Victorian Naturalist, presumably for want of a witable journal in this country.