

PHOTOGRAPHS

TO ACCOMPANY BIG BROOK

FIRE RESEARCH REPORT

JAN. 1962

—BIG BROOK
FIRE STUDY PLOTS
AND TREES.—

Dec - Jan 1960-61.

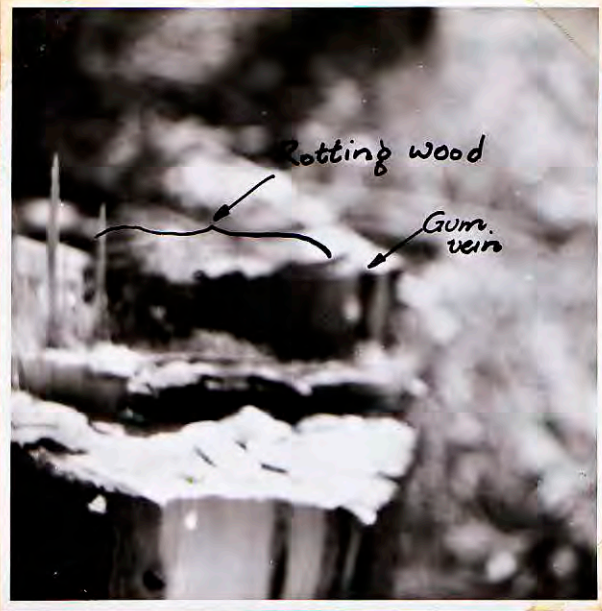


Photo 1: Tree N° 6 showing
blemishes as marked
in the stump.
(f9 $\frac{1}{50}$ sec. Tri-X film)

Photo 2 (Stereoscopically placed with 3).
Erect stem of Tree N° 10.
(f12 $\frac{1}{50}$ sec. Tri-X film)

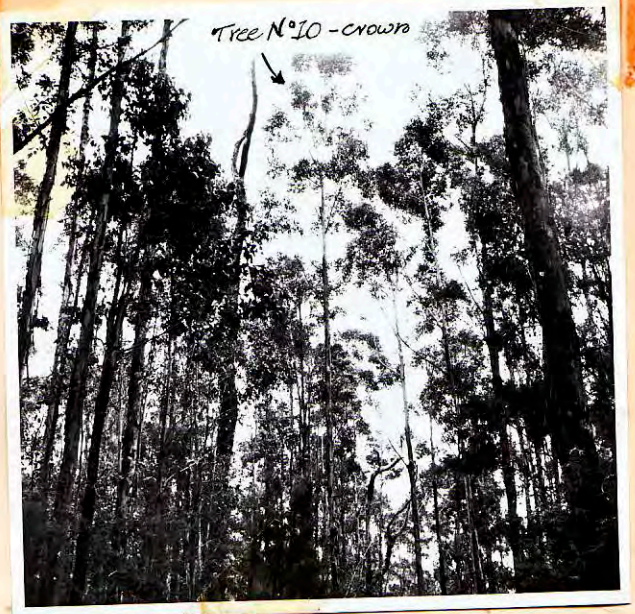
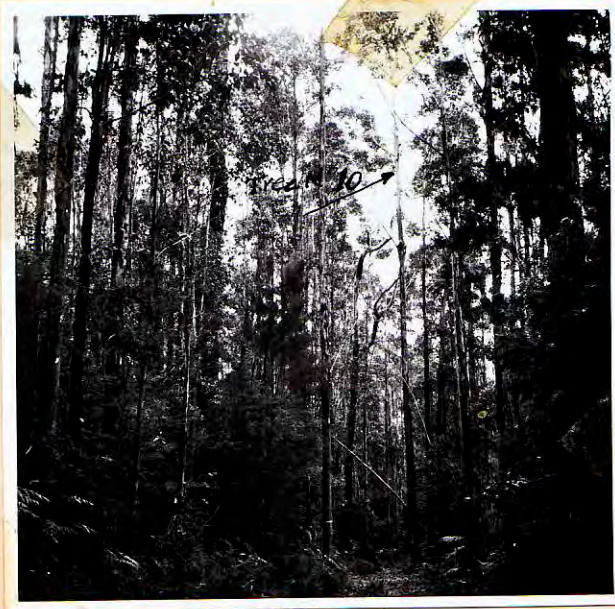


Photo 3 (Stereoscopically placed with 2).
Erect stem of Tree N° 10
(f12 $\frac{1}{50}$ sec Tri-X film)

Photo 4

Tree N°45 showing
dead epicormics
(f11 $\frac{1}{50}$ sec Tri-X film)



Photo 5

Tree N°45 showing
green epicormics
(f11 $\frac{1}{100}$ sec. Tri-X film)

Photo 6

Tree N°42 showing
origin of bunching
of leading shoots
following fire damage
to previous leader.

(f4 $\frac{1}{50}$ sec Tri-X film)





Photo 7

Double exposure
of Dry side in Tree N° 42.
($f/4$ $\frac{1}{30}$ sec Tri-X film)



Photo 8

Tree N° 39 showing side
leader which has taken over
from now old dead leader.

($f/8$ $\frac{1}{30}$ sec. Tri-X film)

Dead
leader.



Photo 9

Tree N° 42 showing
close up of origin of
"bunched" top.

(Exposure details not available)

Photo 10

Cross Section of Tree N°42 at 50' showing progressive rot in the stem and gum pocket together with break down of epicormic trees.

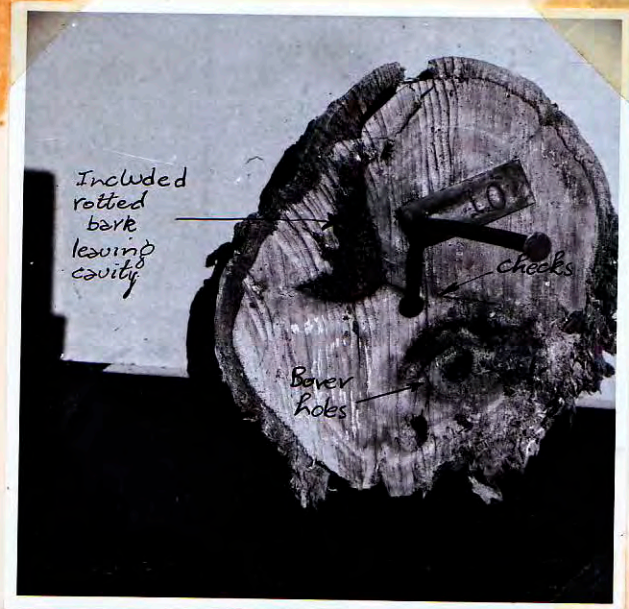


Photo 11

Cross section of Tree N°10 at 80' showing defects viz beaver holes, checks & included packets of rotted bark

Photo 12

Cross section from Tree N°42 at 79' showing included dead leader now rotting and providing a source of infection, also centres of new leaders which have taken over.

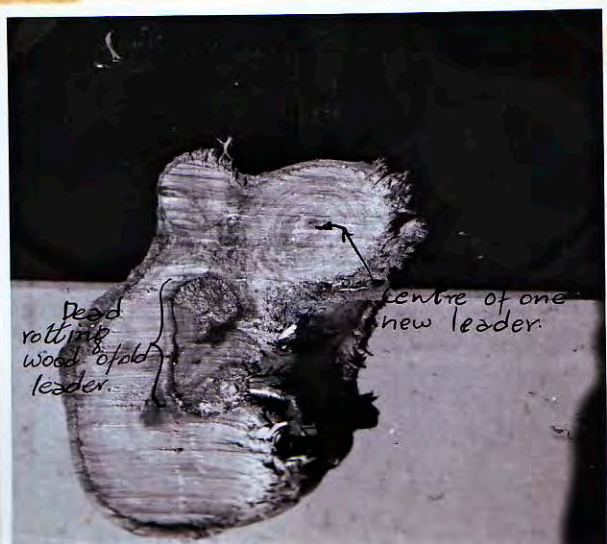




Photo 13

Tree N°6 showing rotting wood behind fire induced lesions.

Photo 14

Present day appearance of fire lesions caused in 1953 fire. This is Tree N°6 a suppressed tree.

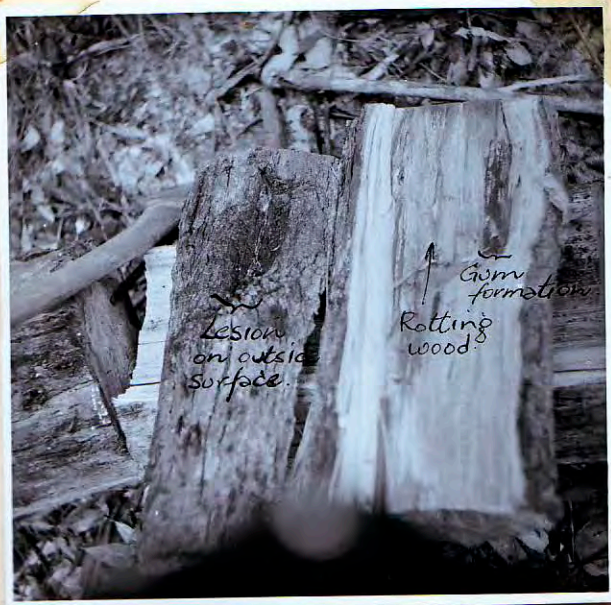


Photo 15

Tree N°6 showing fire caused lesion with resultant damage exposed alongside following splitting.

Photo 16

Tree N^o 6 showing
fire caused lesions
as they appear at present.

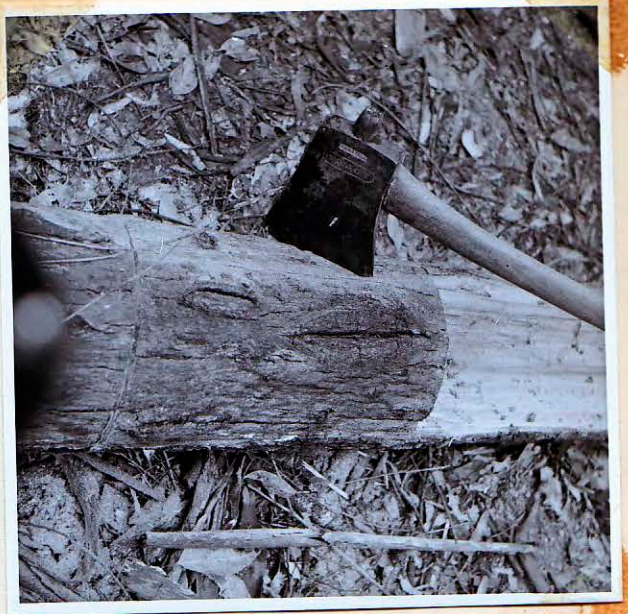


Photo 17

Tree N^o 6 showing exposed
wood behind 16 above.
Rotting can be discerned
as honeycomb appearance.

Photo 18.

Discoloured rotting
wood exposed behind
fire caused lesions on
Tree N^o 6.



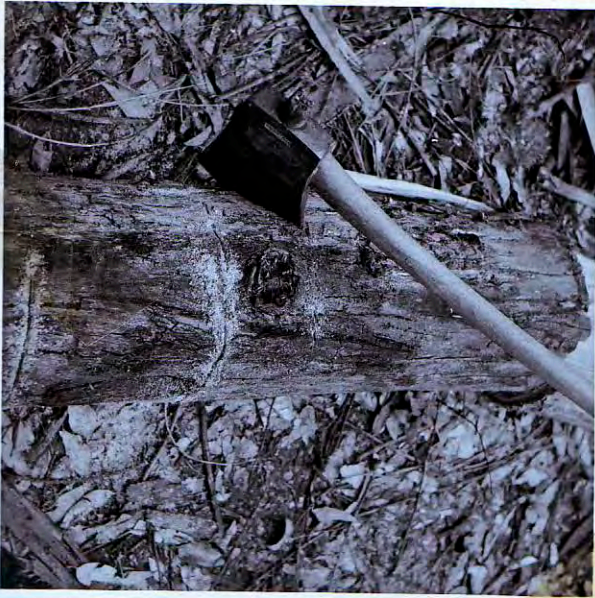


Photo 19

Tree N°6 showing outward appearance of a cluster of epicormic shoots now dead.

Photo 20

Tree N°6. showing section behind epicormic cluster as shown in 19 above — defect very slight indeed.

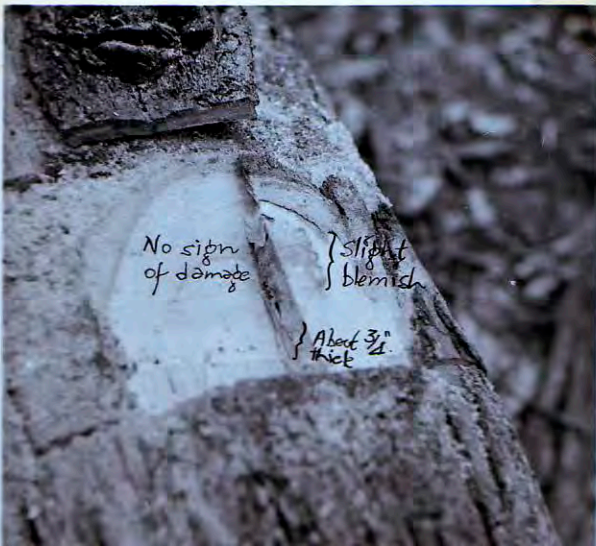


Photo 21

Tree N°6 showing close up of split section deeper again than in 20 above. No evidence of damage at deepest level.



Photo 22

Tree N^o 6 showing further section behind an epicormic cluster and negligible damage caused by this agency.



Photo 23

Tree N^o 6 showing section behind another epicormic cluster and minor damage caused in spite of size of epicormics.