

ON *POLYPORUS PULCHERRIMUS*.

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*Polyporus pulcherrimus*, n.s. Dimidiate sessile, simple bracket or irregularly proliferate, generally about 10 cm. diameter, bright crimson throughout, fleshy, very watery, the dorsal surface roughly verrucose-strigose with no distinct dermis. Pores very irregular mostly about one millimetre diameter, dissepiments very thin and irregular at the mouth. Spores hyaline, very broadly oblong,  $6 \times 5 \mu$  diameter.

Commonly on the trunk of our Evergreen Beech, rarely on a Eucalypt. It is a wound parasite, but spreads to the living wood. Mr. C. G. Lloyd, to whom I submitted this fungus, points out the close relationship to *Polyporus confluens*, from which it differs in the absence of a differentiated dermis, crimson colour, growing on trees, more watery consistency, and rather larger oblong spores.