

Peziza sp. found by Phil G

Found in July 2020, in Nailsea, on cultivated soil, near summer bedding plants, hazel and ash.
1-2cm diameter, greyish

Genus confirmed by clear blue staining of asci tips when stained with Melzer's

The spore surface was clearly rough (small warts), 17.6 – 19.2 x 9.5u, with 1-2 guttules. No apicule.

Paraphyses were not numerous. Those seen appeared to be thin walled with a slightly swollen tip.

Latex: on cutting the edge of the apothecium it did not show any yellow colouring. On careful examination we both detected a slight blue colour in the "sap", though this was not a strong reaction.

Using a Key published by Brian Spooner this leads me to suggest *Peziza celtica*, an unusual species with only 4 records on CATE2

Images from top left, clockwise:

1. Apothecium, photographed in "natural" surroundings
2. Asci and spores, stained in Melzer's, showing blue staining at tip of asci
3. Ascospores stained in Congo Red, showing guttules
4. Asci and paraphyses stained in Melzer's
5. Paraphysis below young ascus

