

The Jenolan show cave survey - publish or perish

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The Jenolan Caves Survey Project began in the late 1980s, and this presentation is a companion to that given at the ASF conference in 2009. The project aim was to produce a survey, which could be used by others for management and research. This talk will detail the problems encountered as the group strives to get the survey ready as a publication available to speleologists.

The first decision that had to be made was whether the survey should be published in hard or soft copy or as both. The result is that it is being prepared for both. During the preparations problems were encountered with the use of Adobe Illustrator for drafting, especially in the use of symbol, swatch and brush libraries. The symbol library contains a number of symbols or modifications that do not appear in the accepted survey symbol lists: the rationale for these will be discussed.

A novel way of presenting graphically areas of the cave surveyed with different techniques will be introduced and discussed. The survey has been drawn at a scale of 1:200 and will be reduced to enable publication as a folio of A3 sheets. Jenolan Show Caves have numerous areas with passages overlying those below; two methods of presentation of these areas have been used.

As final drafts have been prepared and checked problems have been noted, such as sections of the dive survey being of doubtful accuracy. These are still being re-surveyed. The representation of many of the Jenolan Show Cave tours has required special thought and will be shown.

Already the survey in its unpublished form has had many uses, one of which developed indirectly, and will be presented at this conference as a paper on the origins of cave and feature names in the Jenolan show caves (*Belamy and Barnes*).

Video

http://nswsc.caves.org.au/troalong/video/Surveying-the-jenolan-caves_Julia_James.avi