

## Heavens below: Divers explore amazing underwater caves known as The Cathedral

By [Daily Mail Reporter](#)

Last updated at 2:26 PM on 19th July 2011

Floating through a vast chasm, seemingly freed from the constraints of gravity, Liz Rogers explores the massive chamber of an underwater monolith.

Flanked by gently swaying pond weed, photographer Liz glides past the white limestone walls of 'the Cathedral' to a spot where it is possible to look up from 30 metres down and see clouds in the blue sky above.

Such is the amazing clarity of the water in the Cathedral, part of the Piccaninnie Ponds cave system on the Limestone Coast of South Australia.



© Barcroft Media

Liz Rogers enters the Cathedral, a 35-metre high white limestone cave in the Piccaninnie Ponds Conservation Park on South Australia's Limestone Coast

Liz, a 25-year-old diver and photographer from Melbourne, is fascinated by the underground network and she and her colleague Ken Smith are members of a project to measure the saline levels of the freshwater caves.

'In crystal-clear cave waters, I feel like I'm flying,' Liz explained.

'I enjoy the whole experience of being weightless and free underwater.

'With the camera, I'm often thinking about the best way to convey how the dive feels through the lens to people who may never do anything similar.

'It's about getting the right angle to give a perspective on the scene, and getting the right lighting happening to explain the shot.

'I love cave diving, and I love underwater photography, and a dive where the photos come out is fantastic.'



**Flanked by gently swaying weed, Ken Smith approaches the Cathedral from the Chasm, a sinkhole which reaches a depth of 100 metres**

The Cathedral, a large underwater cavern, was created over thousands of years by fresh water slowly filtering through limestone, rising to the surface under pressure and eroding the stone to form the huge chamber.

Above the Cathedral is the Chasm, a huge chamber popular with snorkelers, which was formed by the same processes.

More than 90 metres down Australian cave divers recently discovered a 'Chamber of Secrets', a room that sits directly underneath the Cathedral, which has yet to be fully explored.

It's not currently clear whether there is a vertical connection between these two areas that would allow a diver to pass.



© Barcroft Media

Inside the Cathedral and away from the Chasm, divers need powerful torches to find their way through the depths. 'Cave diving is something that a lot of people will never experience,' says Liz. 'Bringing back photos is the easiest way to explain what's beneath our feet.'

Unsurprisingly, the system of caves has become a Mecca for underwater explorers. However, after a series of non-qualified diver deaths, access to them is now strictly controlled.

Liz said: 'Cave diving is all about redundancy and planning, and thinking things through before you get in the water.'

'On a standard cave dive there's already a lot of things to think about - air consumption, navigation through the cave, decompression obligations, buoyancy and trim.'

'Bringing a camera along for the swim adds a whole extra layer of details to consider - composition, lighting levels and direction, apertures and shutter speeds, directing your buddies and considering the results.'

Working with a group of experienced divers, Liz dives to more than 35m to place salinity monitors at various depths in the cave.

The project is also hoping to determine the amount and direction of water flow between different lower and upper areas of the cave, and to explore the deeper sections.

Liz, who made her first dive in 2005, started taking pictures underwater about three years ago.

She said: 'Cave diving is something that a lot of people will never experience, and bringing back photos is the easiest way to explain what's beneath our feet and why I keep going back.'



© Barcroft Media

Liz and Ken get close to the fish that live in the Cathedral. 'In crystal-clear waters I feel like I'm flying. I enjoy the whole experience of being weightless and free underwater,' says Liz

## Comments (5)

- [Newest](#)
- [Oldest](#)
- [Best rated](#)
- [Worst rated](#)

[View all](#)

Fantastic pictures?Cant swim would have super panic attack at the thought of getting lost down there?.

- sony, middlesbrough, 20/7/2011 07:53

Click to rate \_\_Rating 3

[Report abuse](#)

I would like to live there. Amazing.

- Aussie Rules, Yorks, 19/7/2011 22:47

Click to rate \_\_Rating 4

[Report abuse](#)

Mother Nature at her very best. STUNNING!

- Mrs Hopeful, Fairyland, UK, 19/7/2011 17:37

Click to rate \_\_Rating 132

[Report abuse](#)

Absolutely stunning photography been to the Limestone coast in S.A but never been diving there !!

- lynne brisco, wigan gtr manchester, 19/7/2011 16:32

Click to rate \_\_ Rating 101

[Report abuse](#)

Beautiful pictures, but makes me feel claustrophobic just looking at them.

- Louise, Mid Glamorgan, South Wales, 19/7/2011 16:28

Click to rate \_\_ Rating 146

[Report abuse](#)

The views expressed in the contents above are those of our users and do not necessarily reflect the views of MailOnline.

---

Published by Associated Newspapers Ltd

Part of the Daily Mail, The Mail on Sunday & Metro Media Group

[© Associated Newspapers Ltd](#)