

Equipment

**ICOS**

The Independent Canopy Observation System is a metallic 20-sided structure. It is assembled in an emergent tree, so the ICOS can be suspended in the canopy

**THE PRETZEL OR TREETOP RAFT**

The treetop raft is made from mylar mesh and has a surface area of 400 square metres. The inflatable tubes at the edges provide structural support

**THE DIRIGIBLE**

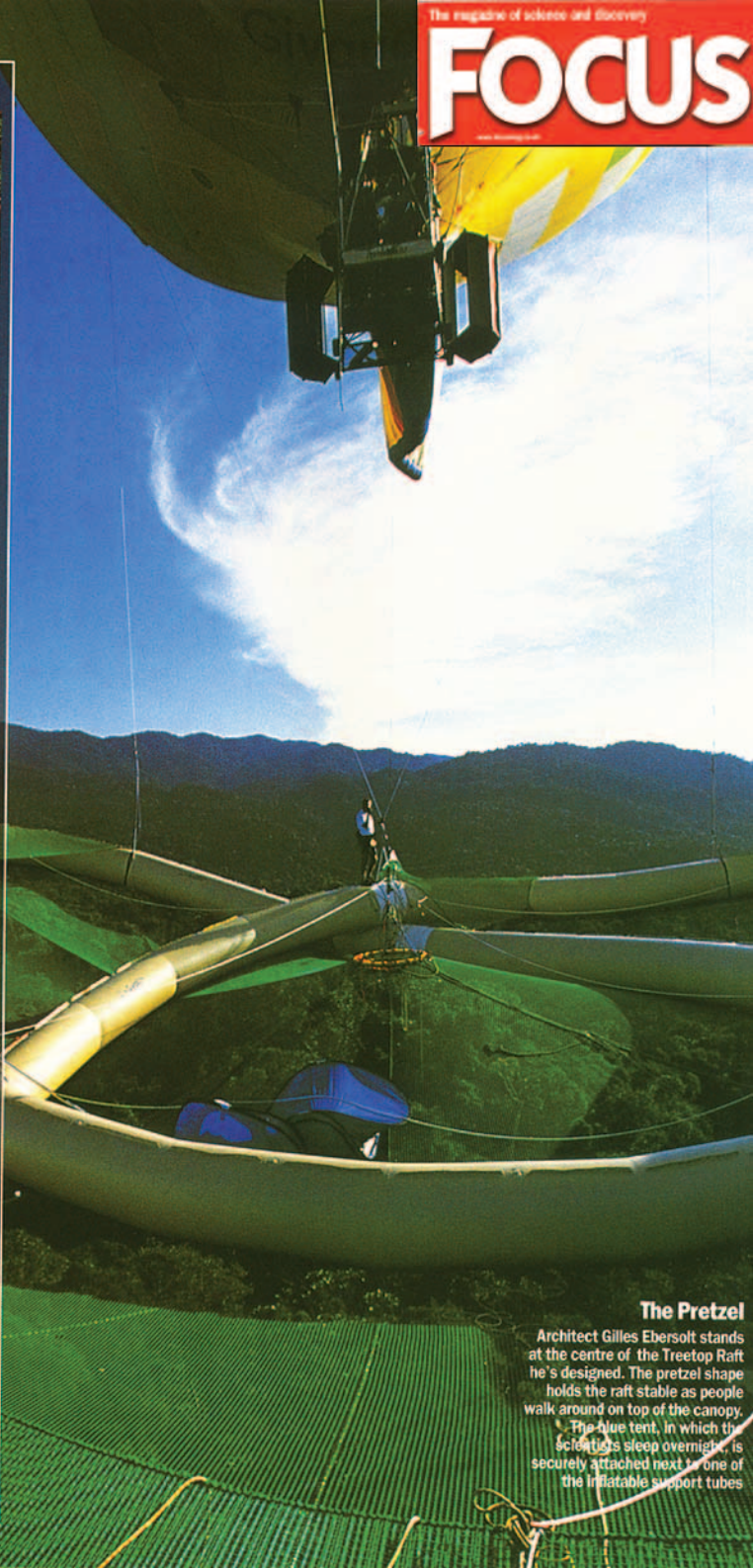
A 52m long, 20m high airship filled with 8,500 cubic metres of hot air. It has a pilot and co-pilot and supports the sled from a metallic cable and slings

**THE SLED**

Created by Gilles Ebersolt, this hexagonal structure hangs suspended beneath the dirigible. At 20m², it carries two scientists at a time

**THE BUBBLE**

A single scientist traverses an 800m rope that leads from the beach to the balloon. They can stop wherever they want along the rope to collect samples

**The Pretzel**

Architect Gilles Ebersolt stands at the centre of the Treetop Raft he's designed. The pretzel shape holds the raft stable as people walk around on top of the canopy.

The blue tent, in which the scientists sleep overnight, is securely attached next to one of the inflatable support tubes