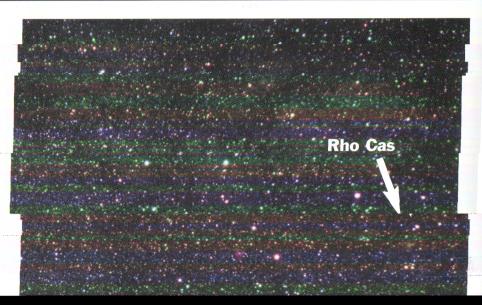
Vhen stars g

irling hydrogen gas on the surface of the star Rho Cassiopeia is turbulent; a seething, frothing mass, normally radiating at a temperature of 7,000 Keith Cooper explains what happens when, periodically, Rho Cassiopeia's nce gets the better of it.

e onset of an eruption is sigaled when gas begins to swirl d fall in towards the centre of estar Thepressure rises. and heating the gas, causing ghten briefly. Essentially, the up like a spring on a trampon months, it bounces back. mer of the year 2000 hydrouring ten thousand Earth asted out from the surface e largest surface eruption ed on a staf. A shock wave ot v encircles the star that could tary nebulae around Rho Cas Homunculus Nebula around Carinae. During the eruption



The switch at best Kelvin. turbule

compressing the star to brig star is coiling line and, within the summingen gas meas

gen gas meas masses was bl of Rho Cas, th ever observimaterial nov form a plane similar to the the star Eta (

