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## COVER PHOTOGRAPH

The images on the cover all relate to the discovery and early investigation of quasars. Across the top is the spectrum of the 13th magnitude 'star' near 3C 273 obtained by Maarten Schmidt with the 200-inch Palomar Telescope. In 1963, he realised that this anomalous spectrum could be explained if the four emission bands were actually highly red-shifted hydrogen lines. The three astronomers featured are (from left to right) Jesse Greenstein (1909–2002), Maarten Schmidt (1929–) and Allan Sandage (1926–), and they worked closely with radio astronomers from the Owens Valley Radio Observatory in a bid to unravel the true nature of those mysterious objects that we now know as quasars. For details of the Owens Valley-Palomar collaboration see pages 79-91 in this issue of the journal.

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