

MOUNT WILSON SPECTRA OF STANDARD STARS

R. F. Griffin and R. E. M. Griffin

Cambridge Observatories and Mount Wilson Observatory

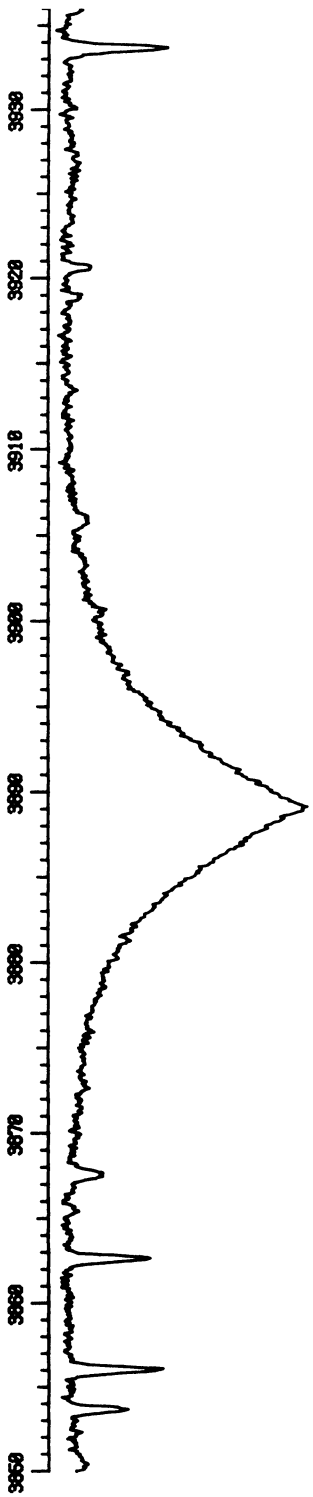
We show part of a tracing of π Ceti, an example of a uniform series of high-quality tracings of standard stars covering the wavelength region 3850 - 4650 Å and derived from 10 Å/mm photographic spectrograms taken with the coudé spectrograph of the Mount Wilson 100-inch reflector.

DISCUSSION

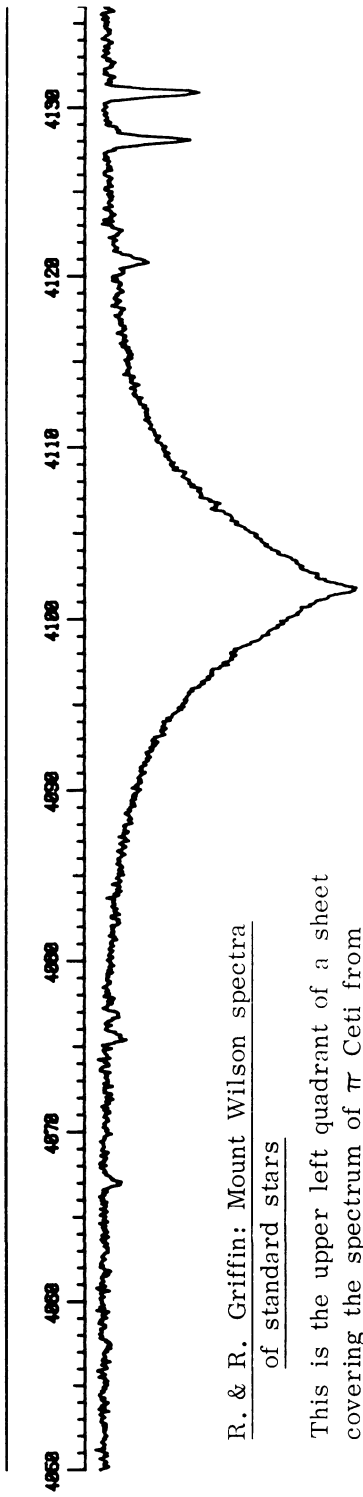
MISSANA: You should publish lists of wavelengths and not just spectral atlases.

GRIFFIN: That is a separate and substantial task that we cannot guarantee to undertake.

JASCHEK: I want to stress the present importance of the generation of these atlases, and I hope you will get the new ones out as soon as possible. I would like to add a small comment with respect to the spectrum of Vega. My wife, Mercedes, has worked recently on the identification of lines in the infrared region, from 5000 - 10000 Å, and finds a lot of evident traces of Fe II in absorption.



PI CET (B7 V)



R. & R. Griffin: Mount Wilson spectra of standard stars

This is the upper left quadrant of a sheet covering the spectrum of π Ceti from $\lambda 3850$ to $\lambda 4650$ Å in four 200-Å sections.

