F IL2 Observations of non-magnetic chemically peculiar stars

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Observations of chemically peculiar (CP) stars have been conducted for decades and have revealed a variety of spectrum anomalies, most prominent among them the line enhancements of heavy elements. The earlier observations, which were limited to the optical region and the use of less sensitive detectors, are responsible for much of our current characterization of the CP star phenomenon. However, more recent observations embrace a wider expanse of the electromagnetic spectrum and employ more sensitive instrumentation, and continue to reveal new levels of spectrum peculiarity. The traditional ideas that distinguish normal from peculiar stars have become blurred, thus in some sense replacing the concept of *peculiarity* with one of *continuity*. This presentation will address observations of the traditional non-magnetic chemically peculiar star groups, both from their treatment as stars in general and as specific targets of spectrum peculiarity. Particular attention will be paid to interpreting observations that may have a greater impact on the topics of the symposium.