

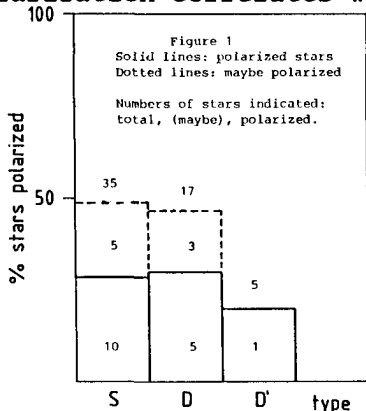
THE PRESENT STATE OF SYMBIOTIC POLARIMETRY.

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1. **ABSTRACT.** We present preliminary statistical results of an ongoing polarimetric survey of symbiotics. So far, 38% of the known symbiotics have had their polarization measured at least once. About 40% of S and D types show some intrinsic polarization while only one of the five measured D' types is polarized. R Aqr is still the only symbiotic with strong, variable polarization.

2. AIM, METHOD AND RESULTS.

The aim of this survey is to determine what percentage of symbiotics is intrinsically polarized and how the polarization correlates with other parameters.



By simultaneously measuring with a narrow H α filter and in Cousins R, any dilution by the emission line will not show up in the interstellar polarization and hence a significant difference between the two measures indicates the presence of intrinsic polarization.

By combining the present measurements with those of Schulte-Ladbeck (1985) and S-L and Magalhães (1987) the result of Figure 1 has been obtained. This picture summarizes the present state of symbiotic polarimetry. In a later paper more detailed results will be presented.

3. REFERENCES.

Schulte-Ladbeck, R.E. (1985) AA, 142, 333.
 -----, Magalhães, A.M. (1987) IAU Symp. 122, p485.



Torun - Copernicus monument in front of the gothic city-hall. Nicolaus Copernicus (1473-1543) was born in a building 30 m away from this place.