

Mon. Not. R. astr. Soc. **81**, 293, 1921.

ANNUAL REPORT OF THE UNION OBSERVATORY
1920

Director Mr. R.T.A. Innes
(Union Astronomer)

There has been no change in the staff, and work has been continued on the usual lines.

During 1920 Circulars 46 to 50 were circulated, and with these circulars, in spite of the high cost of the work, were included 55 maps of the Southern Sky.

Of the maps on the scale of $1^\circ = 36$ mm., so far 66 have been printed and distributed, leaving 490 still to be done to cover the whole sky south of -19° .

Work with the Blink microscope has again been almost continuous, mainly on the proper motions of stars on the Cape plates. It is hoped to finish the examination of the Cape plates early in 1921. This examination will furnish some 4000 proper motions of stars to the 15th magnitude. Dr. Baldwin handed the remainder of the Melbourne plates of zone -66° to the forwarding agents for shipment to us, but the parcel has got lost - there is no evidence that it ever left the store of the forwarding agents - and we must hope that it may yet be found. If it should not turn up within a few months, then the work done here on the other part of the zone will be published.

The Government has consented to the publication of a General Catalogue of Southern Double Stars, but printing will be delayed until the Harvard Henry Draper Catalogue of Magnitudes and Spectra is completed.