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 1955 July.

## NOTES AND OBSERVATIONS

## IMPROVED PROPER MOTION OF BD-1°3474

This dM2 star ( $18^h 14^m 6^s$ ,  $-1^\circ 59'$ , 1900.0) is remarkable for its good-sized parallax and its very small proper motion (Vyssotsky 1946). The best determination of the parallax was recently published by Cape Observatory (1954). A value of  $+0''.080 \pm .006$  was derived from 37 plates. However, according to a letter from Dr. R. H. Stoy, the proper motion quoted there was taken from the 1926 volume of the *Yale Transactions* (Schlesinger 1926) and is of inferior quality. This has been superseded by the value in the *Yale Zone Catalogue* (Barney 1950), which is shown in the first line of the Table.

Source	$\mu_\alpha$	$\mu_\delta$
Yale (1950)	$-0''.009 \pm .006$	$-0''.023 \pm .007$
McCormick (1946)	$-0.002 \pm .006$	$+0.003 \pm .006$
McCormick (1955)	$+0.010 \pm .005$	$-0.007 \pm .005$
Weighted Mean	$+0.001 \pm .004$	$-0.007 \pm .004$

The values in the second line were derived from a comparison of a McCormick plate with

the *Astrographic Catalogue* position; for this four reference stars were used. The third line contains the results of a new determination made here from a comparison of two pairs of 26-inch plates separated by a 12-year interval; here eight reference stars were used. The values in the second and third lines have been reduced statistically to absolute motion.

This star does not share a common space motion with the sun, however, since Joy (1948) finds that its radial velocity amounts to  $-23 \pm 4$  km/sec.

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## ERRATUM

A. J. **61**, No. 1239:

Pages 229–231, Table I, for column headings  $x$ ,  $y$ ,  $z$  read  $\dot{x}$ ,  $\dot{y}$ ,  $\dot{z}$ .

## NEW BOOKS RECEIVED

- Cosmologie et Chimie*, by Alexandre, published by Presses Universitaires de France, 108 Boulevard Saint-Germain, Paris VI<sup>e</sup>, France. Price 900 fr.  
*Vistas in Astronomy*, volume I, edited by A. Beer, published by Pergamon Press, Ltd., 4–5 Fitzroy Square, London SW1, England. Price \$28.00.  
*Lines of the Chemical Elements in Astronomical Spectra*, by Paul W. Merrill, *Carnegie Institution of Washington Pub.* No. 610; *Papers Mt. Wilson Obs.* **9**. Price \$1.60 paper bound, \$2.00 cloth bound.