

Quebec 12 October 1963

Mr. James W. A LOW,
411 Brixton Ave.,
St. Lambert, P.Q.

Dear Mr. LOW,

I hope you'll forgive me if I did not answer your letter sooner but as you know, the Solar Eclipse and the Exhibition took a very great part of my time so here I am with my reports.

First I'll begin with COMET IKEYA (1963 a) I made my first observation on the 23 of Feb. 1963 at 1800 E.S.T. (R.A. 2h 8m Dec. $-24^{\circ} 43'$) at about 1° South West of K (kappa) FORNAX about 4° above the South West Horizon and it was of Magnitude 4. Near perihelion it became almost Mag. 1 with a 10° tail and after 25 observations I lost it the 28th of march at about 2° North West of O (omicron) PISCES because of daylight.-----I first RE-OBSERVED it on May 25th 1963 at 0155 E.S.T. (R.A. 0h 34m 55s Dec. $+18^{\circ} 49' 54''$) at about 1° South East of the star No. 52 of PISCES of Mag. 10.8 and after 41 others observations I lost it at about $2\frac{1}{2}^{\circ}$ South West of L(lambda) PEGASUS and of Mag. 13. on July 10th.....66 Observations in ALL.

Second COMET ALCOCK (1963b) My first observation on March 22nd 1963 at 2355 E.S.T. (R.A. 19h 30m 15s Dec. $+49^{\circ} 23'$) at about 2° South of I (iota) CYGNUS Mag. 8 and at the end of May it was of Mag 3 and the 9th of June it split in two with an angular distance of 90° . After 81 Observations I lost it in daylight the 12th of July 1963 at about $3\frac{1}{2}^{\circ}$ North of G (gamma) CORVUS and was of Mag. 8.6.

Third COMET HUMASON (1961e) I made only 2 observations on July 10 and 11 at about 3° North West of A (alpha) CORVUS mag. 9.

Fourth COMET PEREYRA (1963) I made only 2 observations on Sept. 26 and 27 at about 1° North of A (alpha) HYDRA and was of Mag. 7.5.

Fifth and LAST, NOWA HERCULIS.....UP TO DATE I made 164 Observations and I'll say that in the middle of March it was about Mag. 6 and about the middle of April it was Mag. 7 and at the beginning of June was of Mag 8 and has been almost steady in June, July, August, Sept. and since the 1st of October it is a little fainter than Mag. 8 up to date the 12th of October.....

I think that will be all for now and I hope to make a new discovery pretty SOON, so I will be able to carry on on my COMETS' OBSERVATIONS.

SINCERELY YOURS.....

Jos. MATTE,
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