

SOCIETY NEWS

Next Committee Meeting

The next meeting will be held on Saturday 16th September at the observatory, starting at 7.30. This is open to all members.

NIGHT SKY

(ALL TIMES G.M.T.)

SUN Rises approximately at 05.10 - 06.00
Sets approximately at 19.00 - 17.50

MOON



8th



15th



22nd



29th

MERCURY Mercury is at inferior conjunction on the 25th. Earlier in the month it will be too close to the sun in the sky to be seen well.

VENUS Venus will be visible in the evening sky. It will be setting about 1½ hours after the sun during the month. Mag. -4.1

MARS Mars will not be visible this month. It is at conjunction on the 29th.

JUPITER Jupiter will be rising before midnight. Mag. -2.3

SATURN Saturn will be setting at about midnight at the beginning of the month. Mag. 0.4

URANUS Uranus is located to the west of Saturn.

NEPTUNE Neptune is located at about 2 degrees to the east of Saturn. Mag. 7.9

R. Gooding



TOTAL LUNAR ECLIPSE

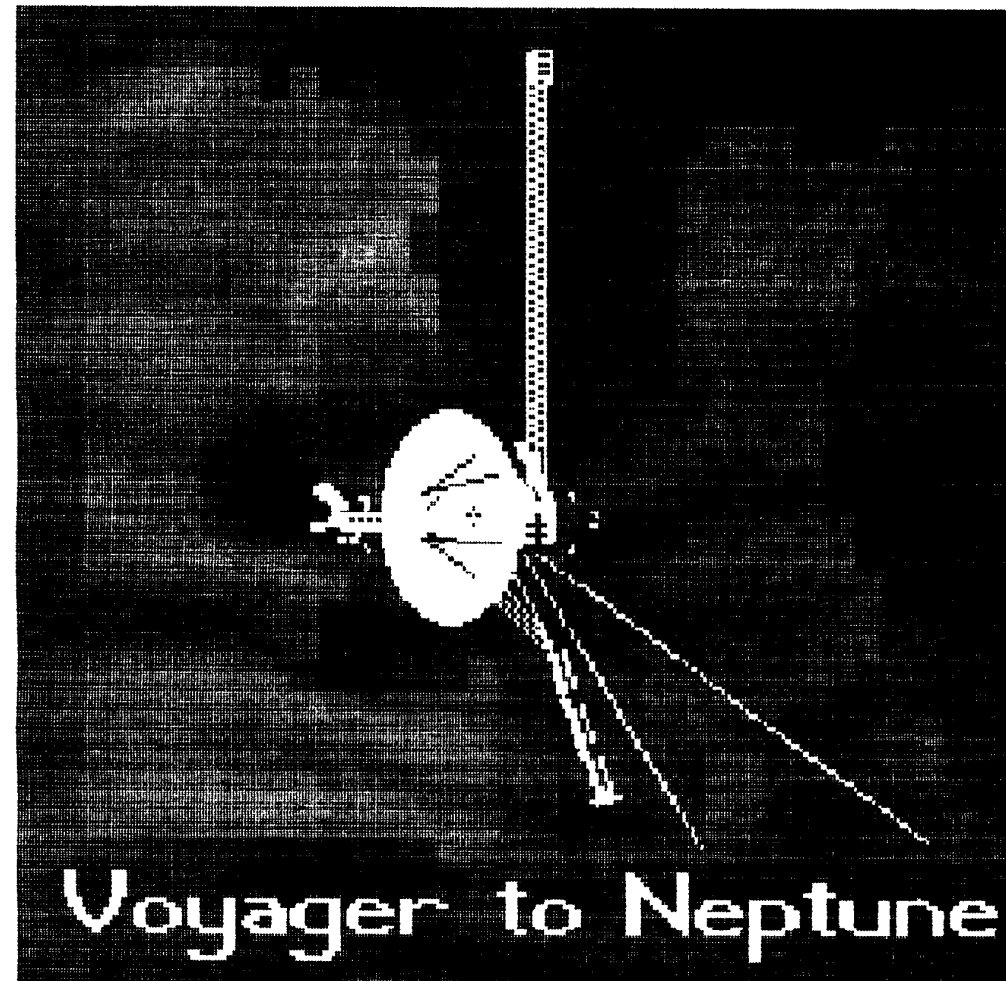
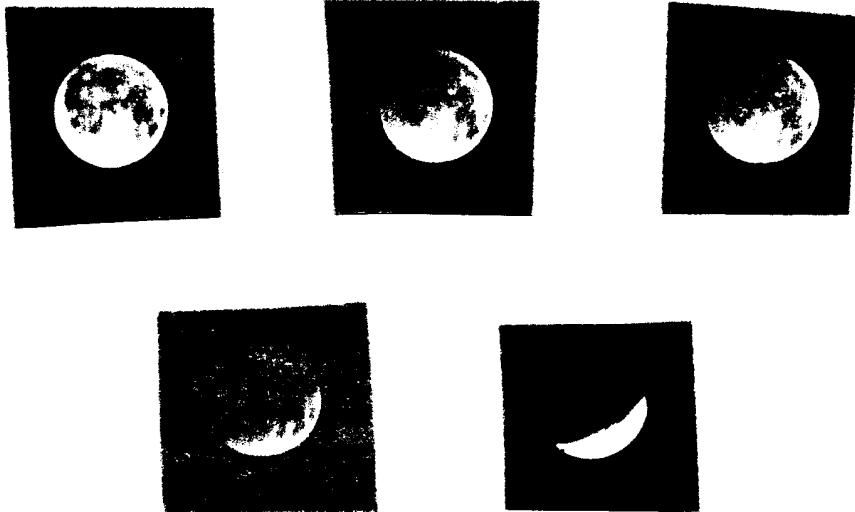
On Thursday 17th August 1989 there was a total eclipse. The sky was as clear as crystal not even a whisp of cloud in sight.

At a little after 1- 0am b.s.t I set my camera and telescope in the back garden of my house in Norwich road. At 1-09 I took my first photograph using 400mm lens F8 at 1/250sec. Next ones at 1-23 / 2-11 / 2-22 / 2-33 / 2-44am all at the same setting. At 2-55am still using F8 I reduced the time to 1/125th.

At 3-01 I changed to F3-8 at 1/30sec as there was only a small part of the Moon still lit by the Sun. Next one at 3-06 same setting then reducing speed at 3-12/3-18 & 3-20 as the Moon went to a sliver and then all that remained was a faint disc.

Of all these photographs the printers only printed a few all though the negatives seemed to be quite good even if the images were a bit small. The ones they did print were taken at 1-23 / 2 -11 / 2-22 / 2-55 & 3-06 which I will print with this article if the photocopier is feeling in a good mood.

E. SIMS.



The end of August sees that long awaited event - the voyager encounter with Neptune. Already the satellite has sent back fascinating pictures including the discovery of a new satellite and that Neptune has the 'black spot'. A Date for your diary is 10th September when a special 'Sky at Night' programme will be giving all the latest news of this historic and final? encounter for voyager.

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 : This will be held on the evenings of 6,7,8,9th of October.
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 : As usual for these events HELP will be required to run each evening.
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 : From previous years experience, 6 members are needed each night.
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 : If you can help even if it's only for an hour please come along.
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 : Please put the enclosed poster in a prominent place.
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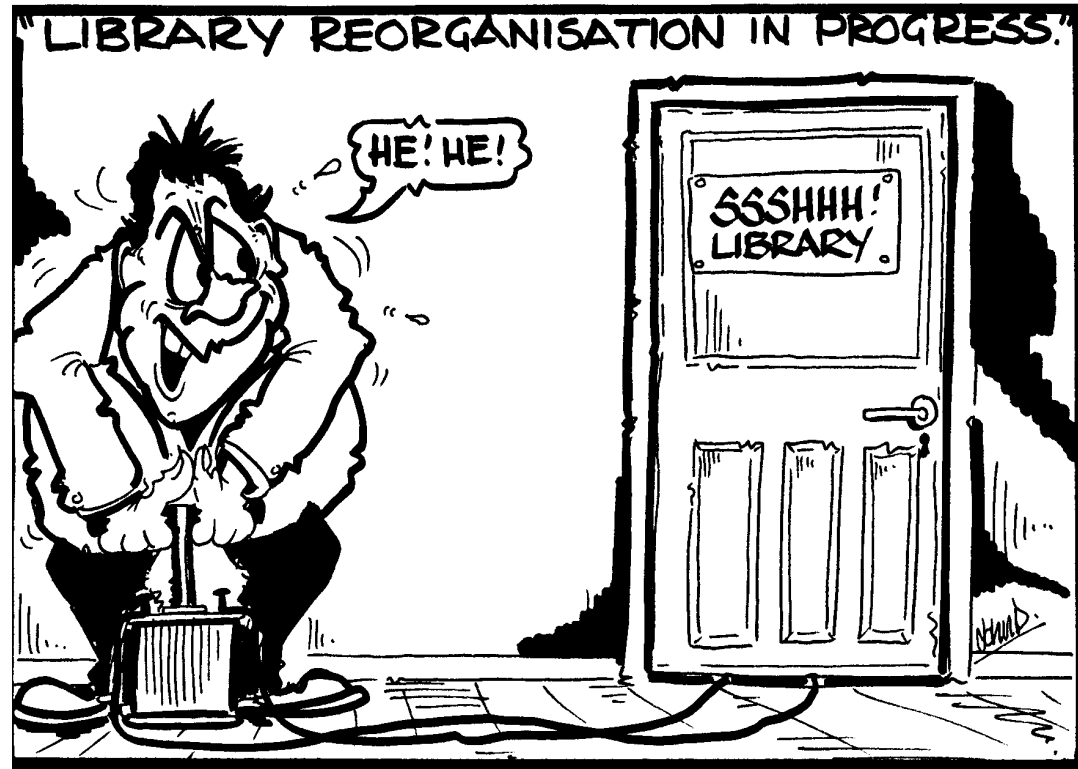
The evenings of Friday 6th October through to Monday 9th October the Society is opening the observatory to the public. This is one of our annual fund raising events and is important to the financial health of the Society.

On each evening Members are **REQUIRED TO HELP** with the observing programme, car parking, directing visitors etc. For smooth running evenings at least **SIX** members are required each night. Please don't assume that other members are available on any night that you could be free to help, offer your assistance to Alan Smith (see back for tele. No.s) or any other committee member **As Soon As Possible**.

We will be open for visitors regardless of weather conditions. On cloudy/wet nights a slide show plus description of telescope and observatory including the history, will be presented.



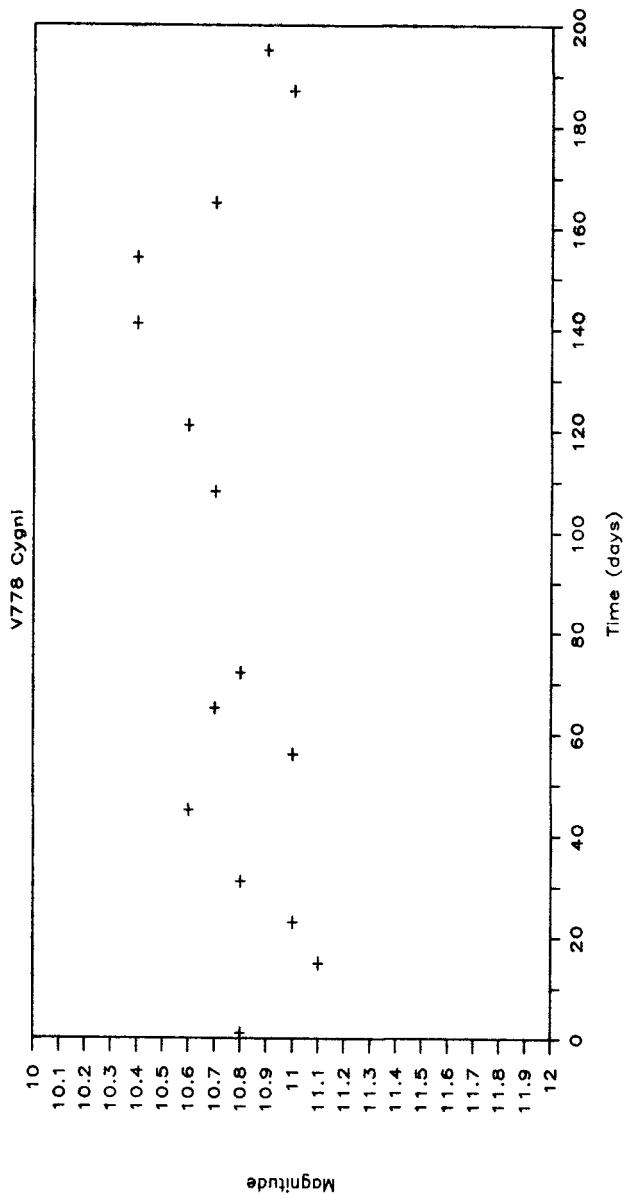
A reminder to anyone interested in sweatshirts, polo shirts or jumpers with the club logo embroidered on them can order them via a committee member. Those who received items in the first order were very pleased with their purchases.



LIBRARY REORGANISATION

To ensure that books are not retained for excessive time a loan period of eight weeks will be introduced. Could anyone who has a book out at the moment please observe this time limit. If items are not returned within twelve months the cost of their re-placement should be paid by the borrower and people not renewing their membership for the current year should return items by April. A set of library rules will be drawn up in the next committee meeting.

VARIABLE STAR OBSERVATIONS



This shows V778 Cygni from December last year to the present day. This is another of the poorly understood carbon stars which is under investigation by University College London. The above observations will be passed on to them by the BAA.

Mike Nicholls

PROGRAMME FOR SEPTEMBER

| | |
|----------------------------|---|
| Mondays from 8pm | GENERAL OBSERVATION SECTION |
| 4-11 Mr R Newman | [Redacted] Felixstowe, IP11 9DY. Tel. Fel. [Redacted] |
| 18-25 Mr J King | [Redacted], Felixstowe, IP11 9LQ. Tel. Fel. [Redacted] |
| Tuesdays from 8pm | GENERAL OBSERVATION SECTION |
| 5-12 Mr R Newman | [Redacted] Felixstowe, IP11 9DY. Tel. Fel. [Redacted] |
| 19-26 Mr J King | [Redacted], Felixstowe, IP11 9LQ. Tel. Fel. [Redacted] |
| Wednesdays from 8pm | NEBULA AND FAINT OBJECTS SECTION |
| 6-13 Mr M Cook | [Redacted], Ipswich, IP4 5PZ. Tel. [Redacted] |
| 20-27 Mr D Payne | [Redacted], Wickham Market, IP13 0SD. Tel. W [Redacted] |
| Fridays from 8pm | GENERAL OBSERVATION SECTION |
| 1-8-15 Mr P R Richards | [Redacted], Ipswich, IP4 1QB. Tel. [Redacted] |
| 22-29 Mr M Harlow | [Redacted], Trimley IP10 0XB. Tel. [Redacted] |
| Mr R A Lobbett | [Redacted], Felixstowe IP11 8UJ. Tel. [Redacted] |

All nights are open to all members, but, on nights other than Wednesday ring directors to confirm dates. [Directors will also be able to inform you of whether a group visit is taking place that evening.] All numbers, Ipswich (0473) unless otherwise indicated.

1989 COMMITTEE

| | | | |
|------------------------------|------------|--|--------------------------------------|
| CHAIRMAN | D Payne | (Address above) | Home: [Redacted] Work: [Redacted] |
| VICE CHAIRMAN | D Barnard | [Redacted], Ipswich, IP4 5PP | Home: [Redacted] Work: [Redacted] |
| SECRETARY | R Gooding | [Redacted], Ipswich, IP1 6AE. | Home: [Redacted] Work: [Redacted] |
| TREASURER | M Nicholls | [Redacted], Capel St Mary, Ipswich, IP9 2EX. | Home: [Redacted] Work: [Redacted] |
| MAINTENANCE | M Cook | (Address above) | Home: [Redacted] Work: [Redacted] |
| JOURNAL CO-ORD | E Sims | [Redacted], Ipswich IP1 4HA | Home: [Redacted] |
| LIBRARIAN | P Richards | (Address above) | Home: [Redacted] Work: [Redacted] |
| EQUIPMENT CURATOR | J King | (Address above) | Home: [Redacted] |
| SPECIAL EVENTS CO-ORD | A Smith | [Redacted], Ipswich IP2 9ES | Home: [Redacted] Work: [Redacted] |