

nebula. The photographic Fabry-Pérot interferometer used at La Silla by the French group would be an ideal instrument for this investigation. Together with accurate radial velocity information, this instrument provides the necessary spatial resolution required to properly map the velocity field around N 119.

## Visiting Astronomers

### April 1—October 1, 1978

Observing time has now been allocated for period 21 (April 1 to October 1, 1978). As usual, the demand for telescope time was much greater than the time actually available.

The following list gives the names of the visiting astronomers, by telescope and in chronological order. The complete list, with dates, equipment and programme titles, is available from ESO/Munich.

#### 3.6 m Telescope

- April: Kohoutek, Courtès/Boulesteix, Kunth/Sargent, Lub/van Albada, Feitzinger/Kühn/Reinhardt/Schmidt-Kaler.
- May: van den Heuvel/van Paradijs/Henrichs/Zuiderwijk, Chevalier/Ilovaisky, King, J.&A. Surdej/Swings, Geyer/Schuster.
- June: Bergvall/Ekman/Lauberts/Westerlund, Ilovaisky, Westerlund, Pettersson.
- July: Knoechel, Labeyrie, Swings, de Graauw/Fitton/Beckman/Nieuwenhuyzen/Vermue.
- August: Laustsen/Tammann, Schnur/Sherwood, Vogt, Schultz/Kreysa.
- Sept.: Boksenberg/Goss/Danziger/Fosbury/Ulrich/Schnur, Bergeron/Dennefeld/Boksenberg, Dennefeld/Materne, Turon/Epchtein, Wamsteker, Muller/Schuster/West.

#### 1.52 m Spectrographic Telescope

- April: Kunth/Sargent, Feitzinger/Kühn/Reinhardt/Schmidt-Kaler, Schmidt-Kaler/Maitzen, Rahe, Bertout/Wolf, de Loore.
- May: de Loore, Ahlin, Breysacher/Muller/Schuster/West, Schnur/Danks, Ilovaisky/Chevalier, King, Briot/Divan/Zorec, van den Heuvel/Henrichs/Zuiderwijk, Thé.
- June: van den Heuvel/Henrichs/Zuiderwijk, Thé, Ahlin, Pakull, Houziaux, Ilovaisky/Chevalier, Ardeberg/Maurice, Lindblad/Lodén, Hultqvist, Houziaux/Danks, Ahlin.
- July: Schnur/Danks, de Loore, Swings/Surdej, Tscharnuter/Weiss, M. Jaschek, Ahlin.
- August: Spite, Schnur/Mattila, C. Jaschek, Andriesse, Bergvall/Ekman/Lauberts/Westerlund, Breysacher/Muller/Schuster/West.
- Sept.: Breysacher/Muller/Schuster/West, Breysacher, Querci, Bouchet, Ahlin, Wamsteker, Breysacher/Azzopardi.

#### 1 m Photometric Telescope

- April: Adam, Kohoutek, Shaver/Danks, Bensammar, Wamsteker, de Loore.
- May: Chevalier, van den Heuvel/Henrichs/Zuiderwijk, Thé/Wamsteker, Zeuge, Ardeberg/Maurice, Crane.
- June: Crane, Westerlund, Pakull, Gahm, Smith, Bernard.
- July: Bernard, Knoechel, de Loore, Salinari/Tarengi, Sherwood/Arnold, Wamsteker, Wamsteker/Schober, Vogt.
- August: Vogt, Bruch, Alcaíno, Bouchet, Querci, Vogt, Schnur/Mattila.

- Sept.: Schnur/Mattila, Fosbury, Bergvall/Ekman/Lauberts/Westerlund, Blair, Turon/Epchtein, Wamsteker, Wamsteker/Schober, Crane/Materne, van Woerden/Danks.

#### 50 cm Photometric Telescope

- April: Rahe, Kohoutek, Lodén.
- May: Lodén, Debehogne, Briot/Divan/Zorec.
- June: Heck, Pakull.
- July: Pakull, Haefner, Swings/Surdej, Bouchet.
- August: Bouchet, Schober/Surdej, Schnur/Mattila.
- Sept.: Schober/Surdej.

#### 40 cm GPO Astrograph

- April: Debehogne, Vogt
- May: Giesecking.
- June: Ardeberg/Maurice, Giesecking.
- July: Giesecking.
- August: Giesecking, Vogt.
- Sept.: Vogt.

#### 50 cm Danish Telescope

- May: Lindblad/Lodén, Thé/Bakker.
- June: Lindblad/Lodén.

#### 61 cm Bochum Telescope

- April: Semeniuk.
- May: Semeniuk, Zeuge.
- June: J.&A. Surdej, Terzan.
- July: Terzan, Wamsteker/Schober.
- August: Walter, Walter/Duerbeck.
- Sept.: Walter, Walter/Duerbeck, Wamsteker/Schober.



## Comet Bradfield (1978c)

*A new, bright southern comet was discovered by the Australian amateur astronomer William A. Bradfield on February 4, 1978. A preliminary orbital calculation shows that it may reach 4th magnitude during March, very low in the eastern sky, just before dawn. It was photographed with the ESO Schmidt telescope (observers: H.-E. Schuster and Oscar Pizarro) on February 8, only 25° above the horizon. The magnitude was about 8. The image of the head of the comet was somewhat trailed during the 20 min exposure, since the exact rate of motion was not yet known at that date. A short, fan-shaped tail is visible to the lower right (southwest). 20 min, 098-04 + RG 630 (red).*