

Figure 5: Multi-slit spectrum of Comet Halley obtained on April 10. Top left: Spectrum plate; top right: slit position plate. The arrows point to the slit and the corresponding spectrum, which is reproduced in enlarged form in the bottom to explain the individual spectrum features. Exposure time of spectrum: 30 minutes.

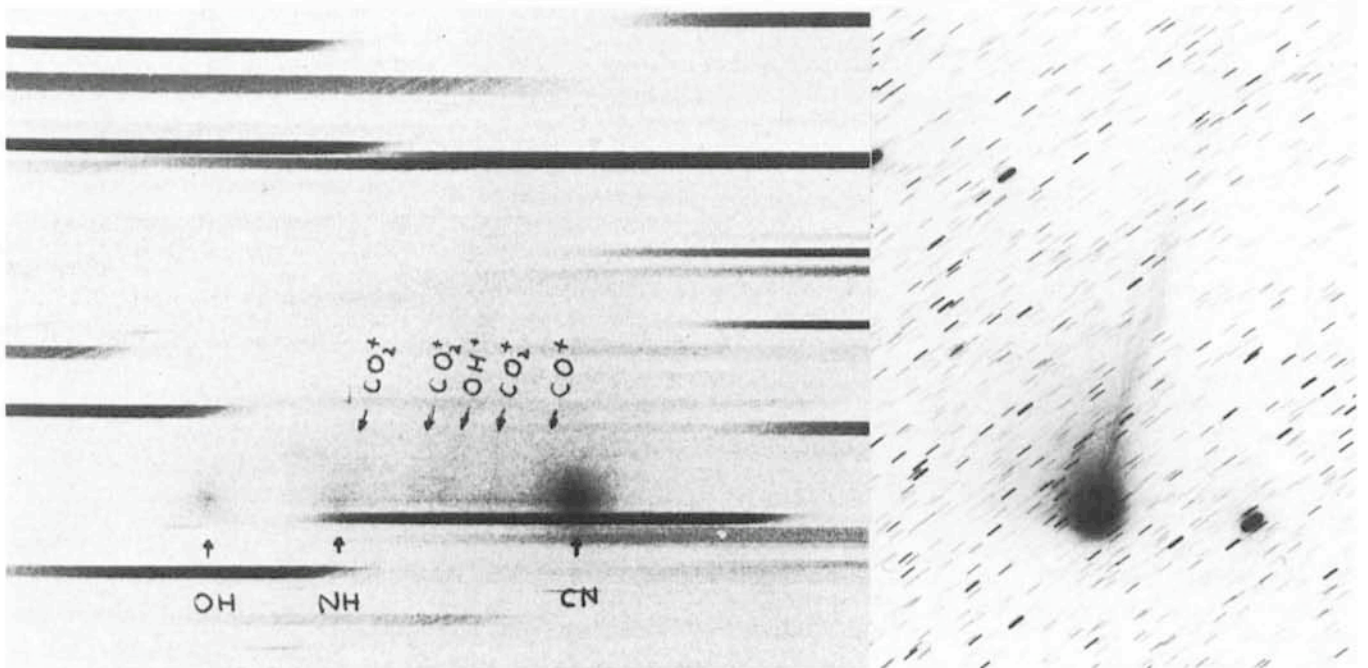


Figure 6: Slitless wide-field spectrum and direct photograph of Comet Halley. Wavelength range of spectrum 309–395 nm. Dispersion E-W. Wavelength increases to the right. Exposure time of spectrum: 1 hour at f/4.5 on Ila-O plate.

pictures of Figure 4 but the spatial scale is almost 10 times larger. The extended CN coma in the wide-field picture would cover almost half of the frames of Figure 4.

### Acknowledgement

We are indebted to W.I. Axford, H. Rosenbauer and V.M. Vasyliunas for a generous support of the ground-based comet camera project. The work would not have been possible without the helping hands of engineers and workers in the shops of the Max-Planck Institute of Aeronomy and the Observatory Hoher List. We are very grateful for the possibility to conduct the observations under the cloudless skies of the European Southern Observatory and for the invaluable assistance provided by ESO staff at La Silla and Garching.

### References

Geyer, E.H., Hoffmann, M., Nelles, B.: 1979, *Astron. Astrophys.* **80**, 248.  
 Geyer, E.H., Nelles, B.: 1985, *Astron. Astrophys.* **148**, 312.  
 Lund, G., Surdej, J.: 1986, *Messenger* **43**, 1.

## STAFF MOVEMENTS

### Arrivals

#### Europe:

ELLES, Daniel (F), Procurement Officer  
 IOVINO, Angela (I), Fellow

#### Chile:

MURPHY, David (USA), Telescope Software Scientist

OLBERG, Michael (D), Telescope Software Scientist  
 SCHWARZ, Hugo (NL), Astronomer

### Departures

#### Europe:

ANGEBAULT, Pascal (F), Fellow  
 FONTANA, Silvana (I), Head of Personnel Service

GARAY, Guido (RCH), Fellow  
 JÖRSÄTER, Steven (S), Fellow

#### Chile:

GRANBOM, Sven (S), Head of Operations  
 URQUIETA, Arturo (USA), Senior Optical Technician  
 ZUIDERWIJK, Eduardus (NL), Astronomer