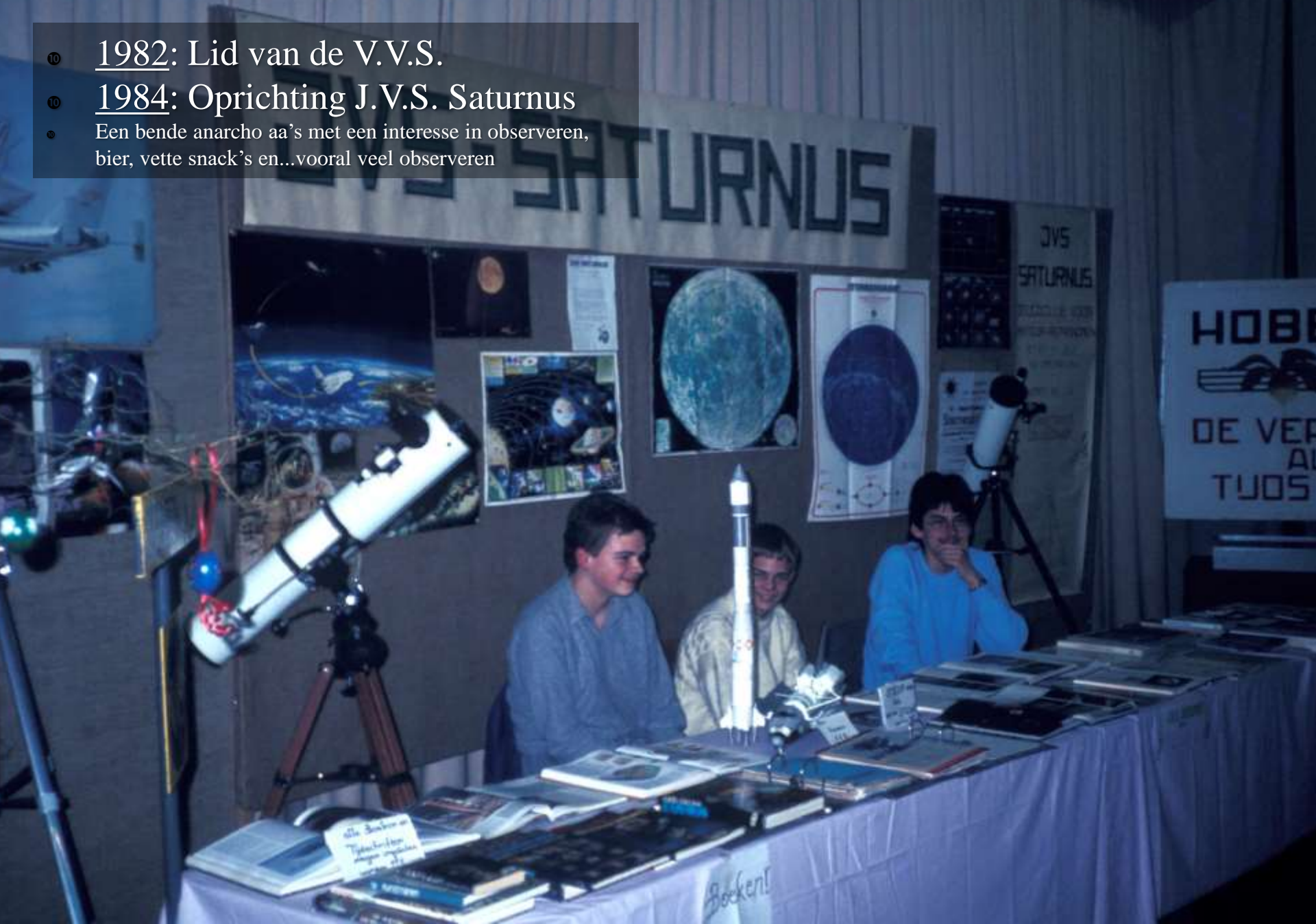


# ‘Oude’ Deepsky Publicaties

Kurt Christiaens

Context – de PRE DOBSON periode  
(1982- 1985)

- ⑩ 1982: Lid van de V.V.S.
- ⑩ 1984: Oprichting J.V.S. Saturnus
- Een bende anarcho aa's met een interesse in observeren, bier, vette snack's en...vooral veel observeren



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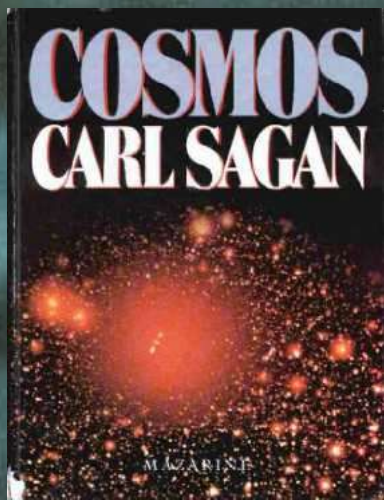
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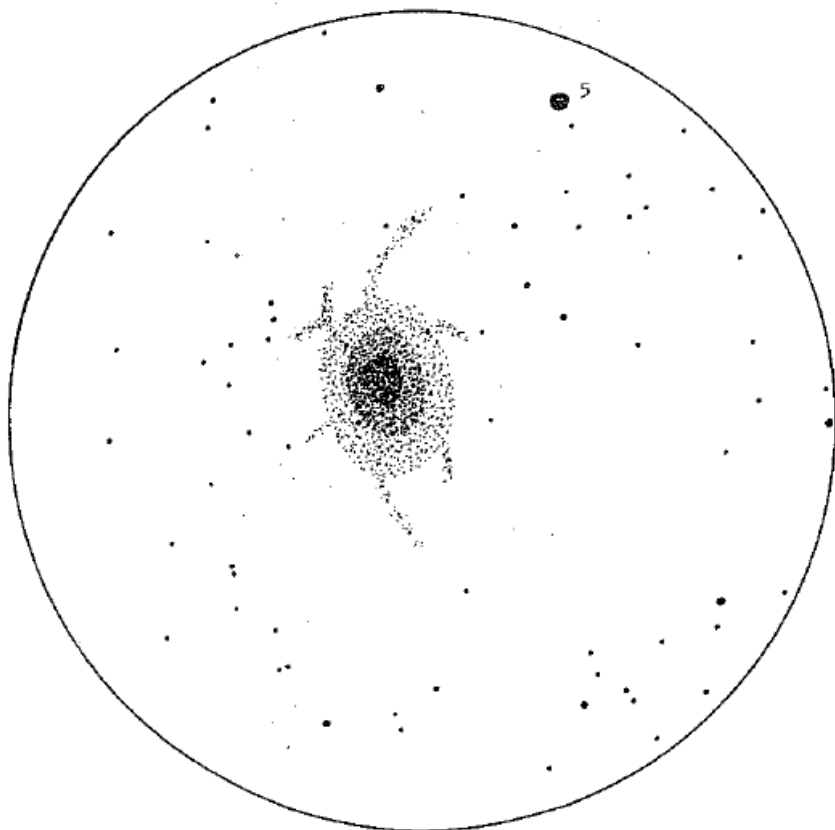
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Technology

Myriads of glistening points shimmering over a soft background of starry mist, illumined as though by moonlight, formed a striking contrast to the darkness of the night sky. For a few blissful moments, during which the watcher gazed on this scene, it suggested a veritable glimpse of the heavens beyond...

Mary Proctor, *Evenings With the Stars*, 1924

Bolvormige sterrenhopen zijn favoriete deep-sky objecten bij de amateur-astronomen. Deze maand bespreken we een prachtexemplaar uit het sterrenbeeld Serpens Caput, de Kop van de Slang. Het is gelegen op positie  $\alpha = 15^h 16^m, 0$  en  $\delta = +2^\circ 16'$  (equinoctium 1950.0) en is qua mooiheid slechts weinig inferieur aan de bolhoop M13 in het sterrenbeeld Hercules.

De bolvormige sterrenhoop, Messier 5, vinden we erg gemakkelijk op 20' ten noordwesten van de voor het blote oog nog juist zichtbare ster 5 Serpentis, die in feite een dubbelster is waarvan de helderste component van magnitude 5 is en witgeel van kleur; de zwakkere component, op 11" van de hoofdster gelegen, is van magnitude 10. Bij een



Messier 5 waargenomen door de auteur op 13 april 1980 met een f/15 refractor van 10 cm opening, vergroting 75 maal, bij een heldere atmosfeer. De diameter van het beeldveld bedraagt ongeveer 1 graad.

# ELSEVIERS GIDS VAN STERREN EN PLANETEN

GÜNTHER ROTH



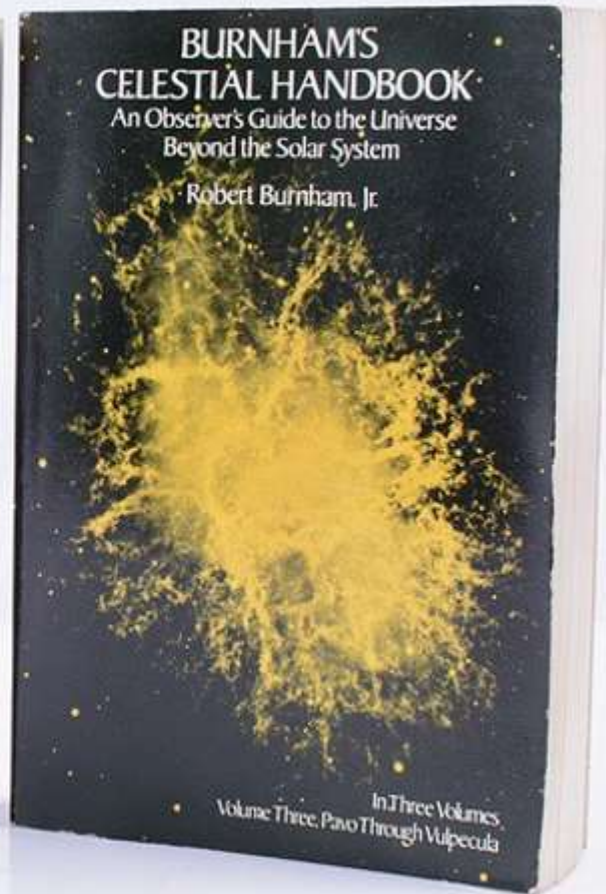
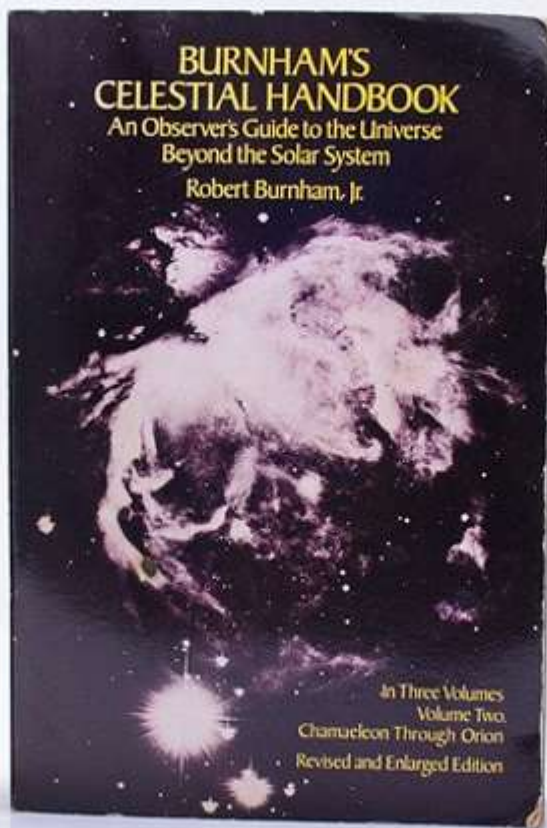
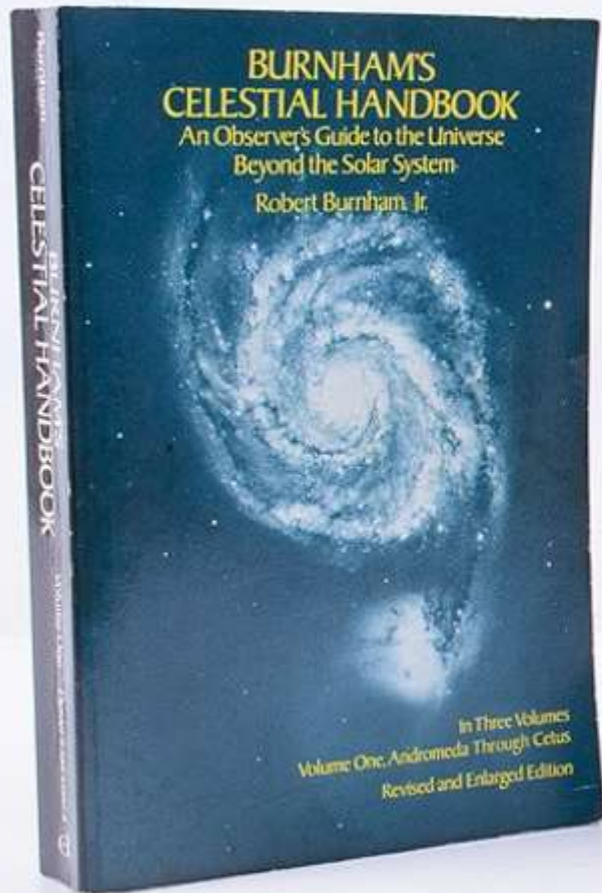
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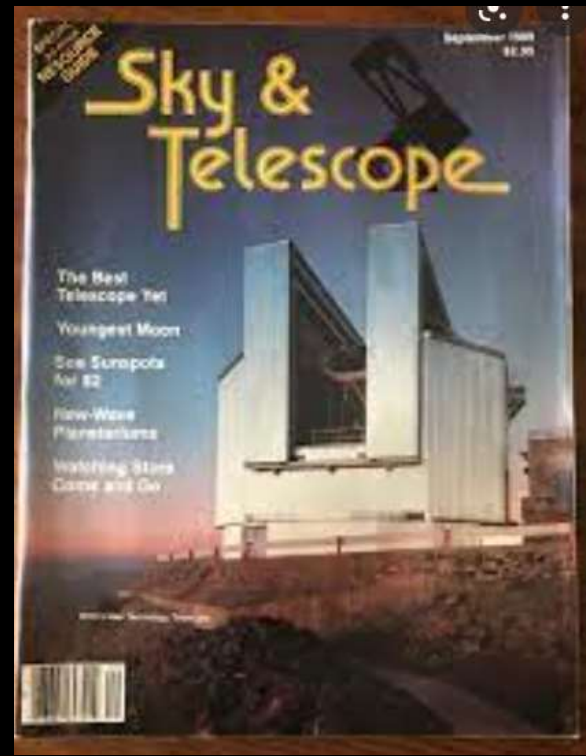




de DOBSON periode (1985- 2013)







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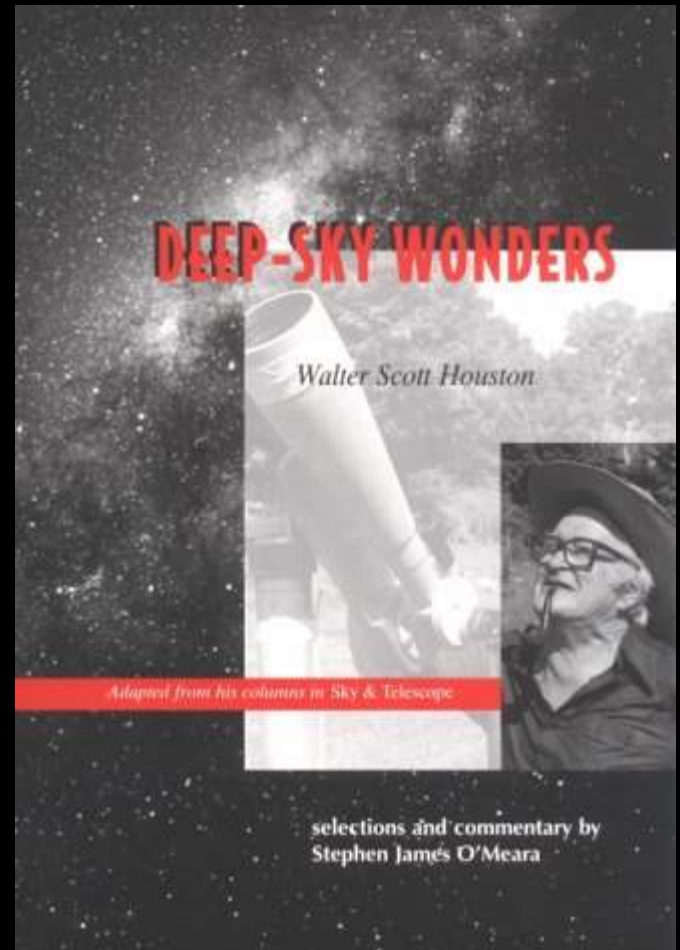
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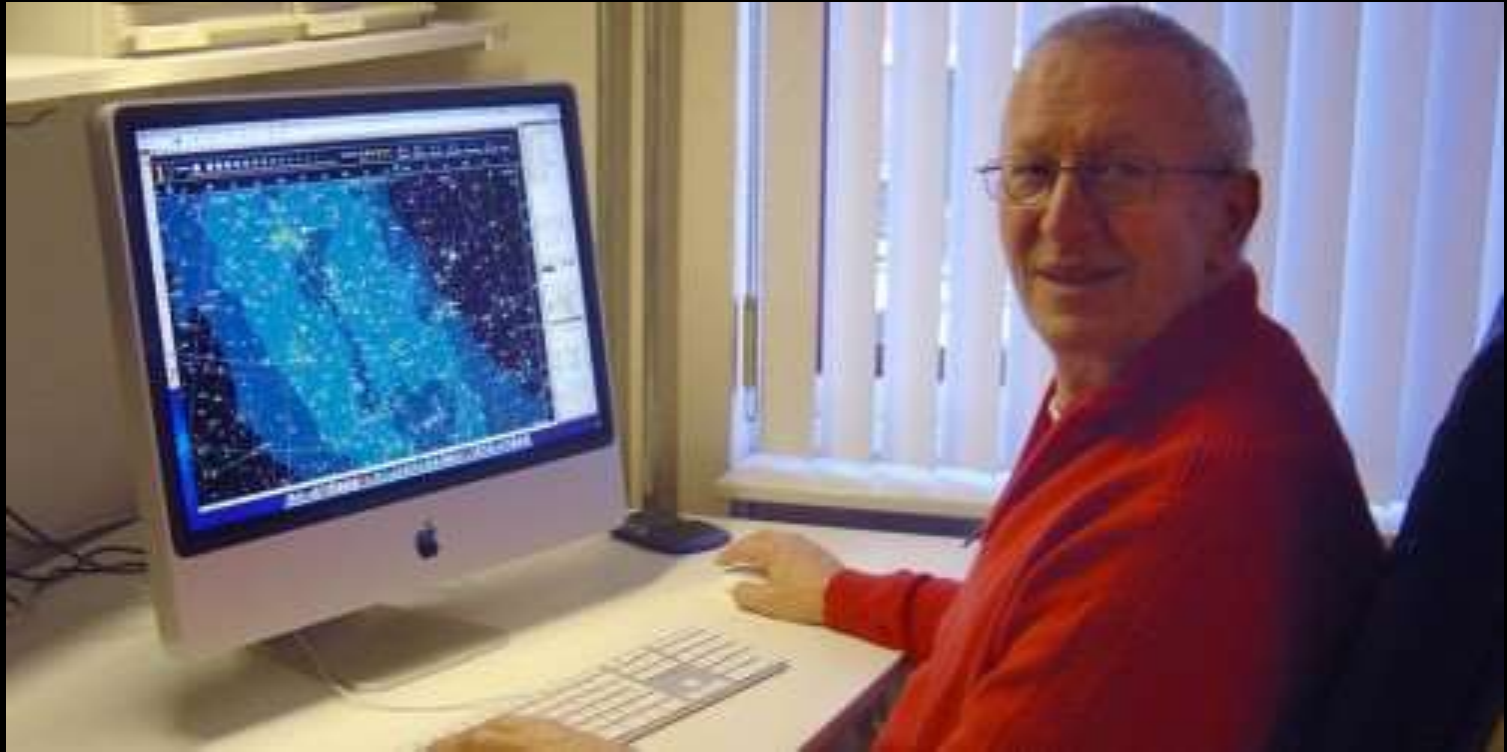
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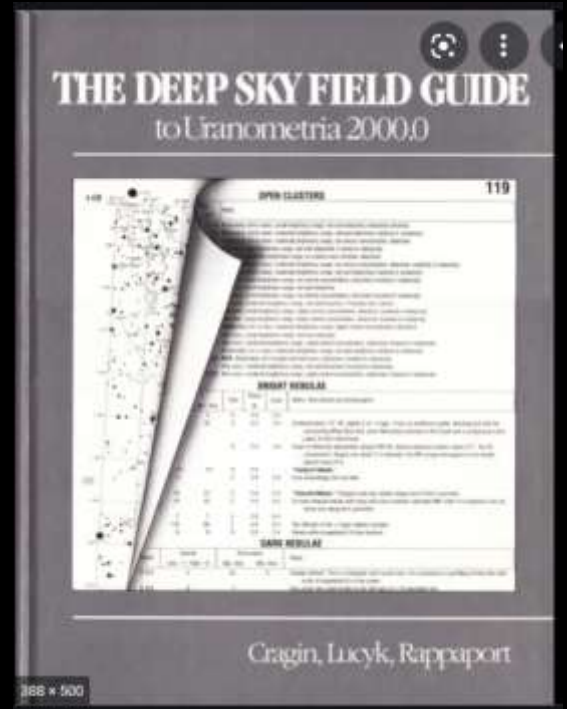
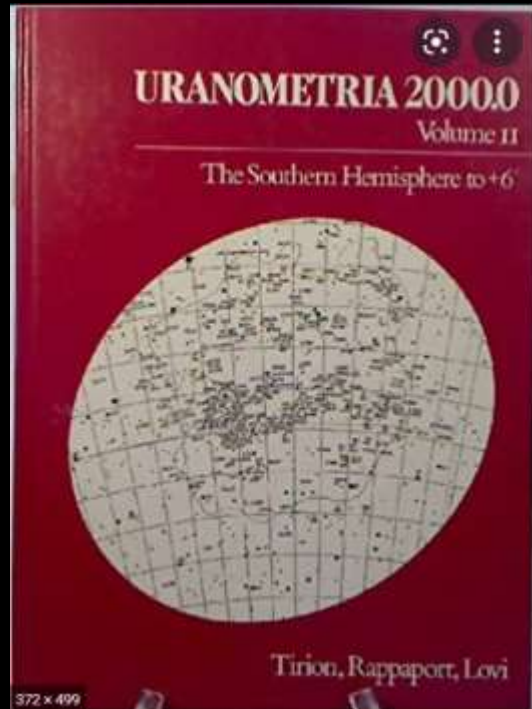
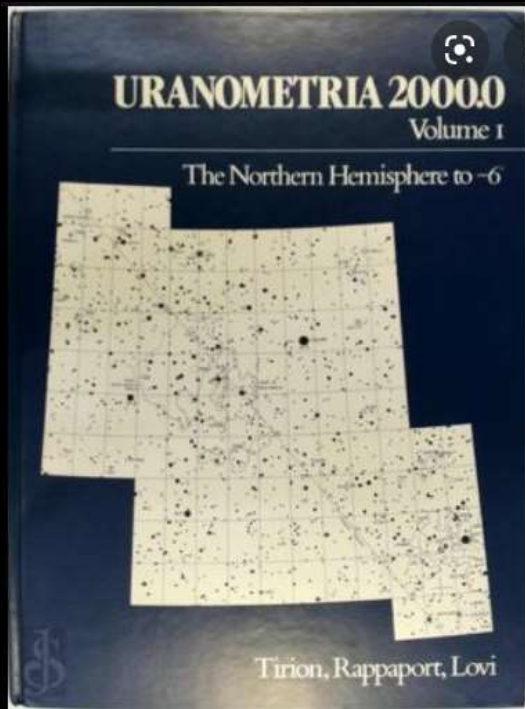
The cover features four rectangular panels of a starry night sky, arranged in a 2x2 grid. The stars are of various sizes and brightness, set against a dark, black background. The panels are separated by thin white lines.

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WIL TIRION  
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FIELD VERSION



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## DEEP SKY ATLAS

Tijon, Rappaport, Remolus

The Northern Hemisphere to  $-6^{\circ}$

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1

DEEP SKY ATLAS

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DEEP SKY FIELD GUIDE

The cover features a vibrant, multi-colored nebula background with shades of purple, blue, green, and yellow. The title is printed in large, white, sans-serif capital letters.

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All Sky Edition  
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Tirion, Rappaport, Remaklus

The cover has a dark, starry background with a white grid pattern. A large, metallic, reflective object, resembling a telescope or a probe, is shown in the foreground, angled upwards. The title is in white, sans-serif capital letters.

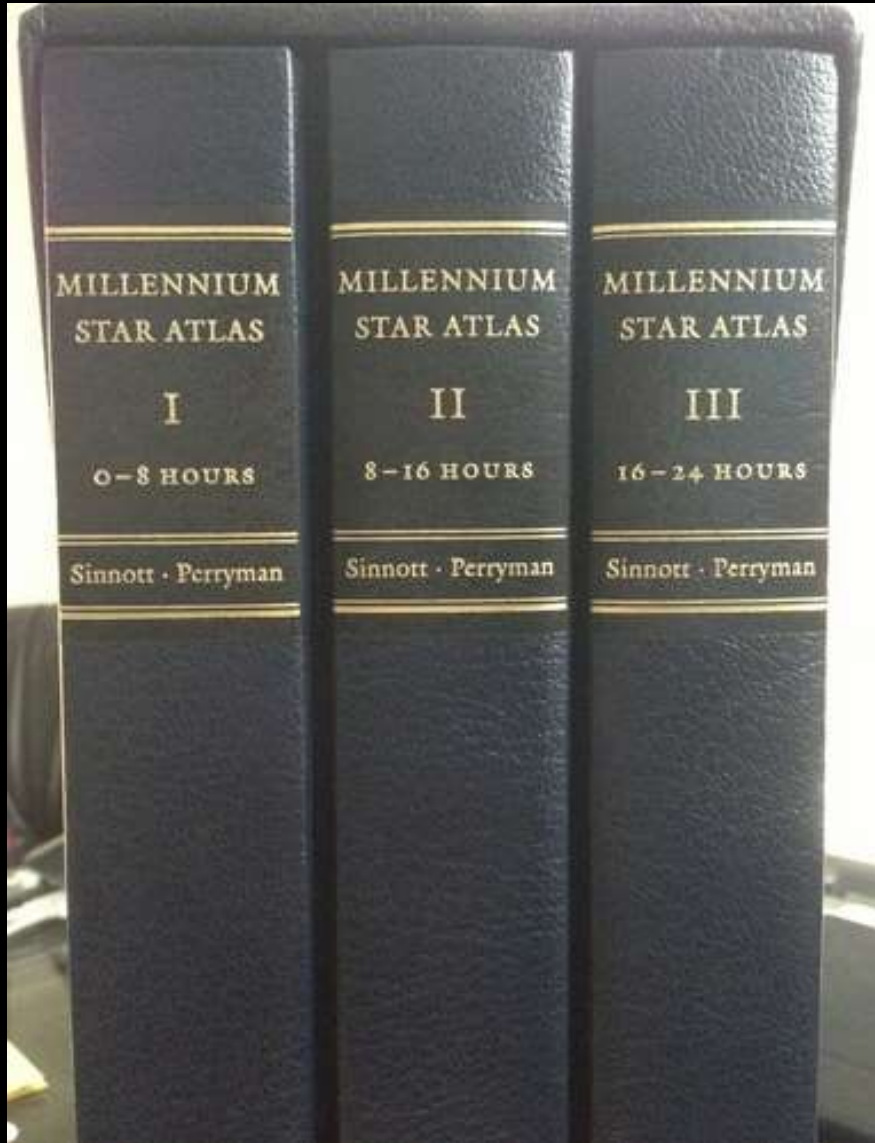
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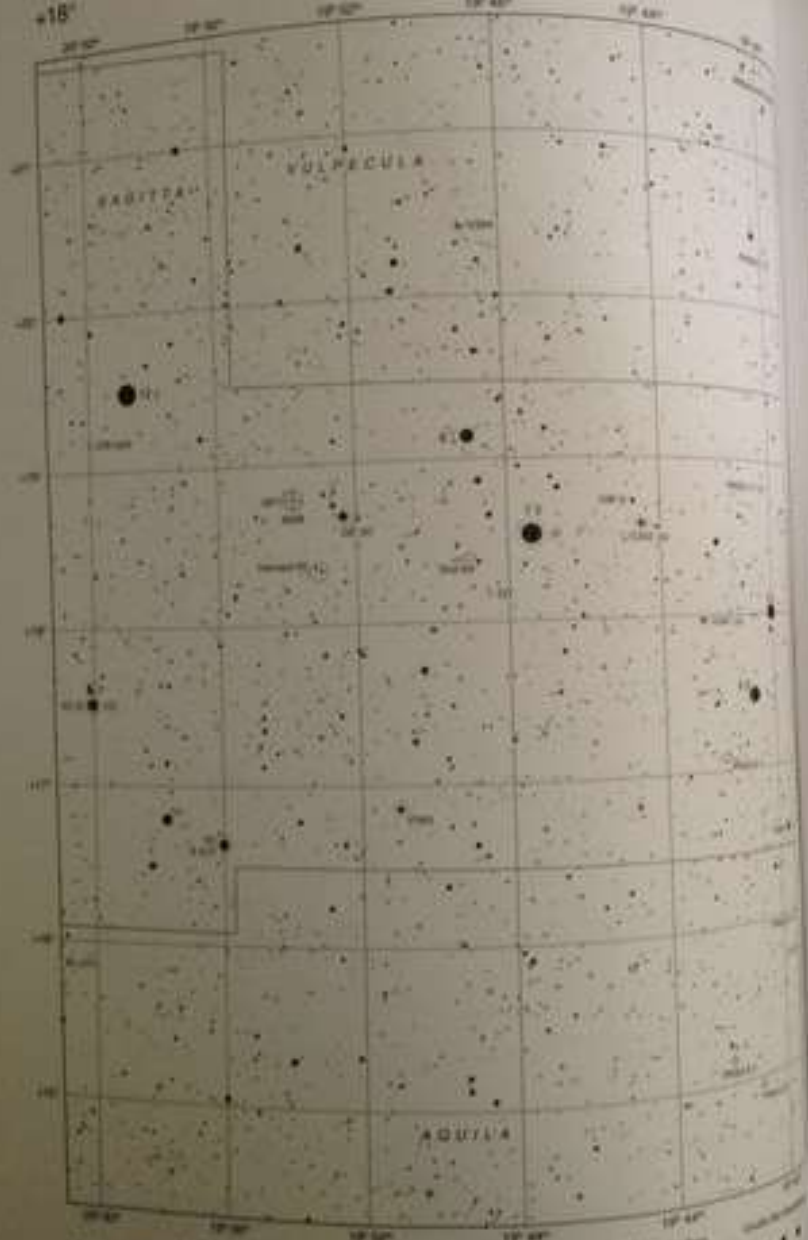
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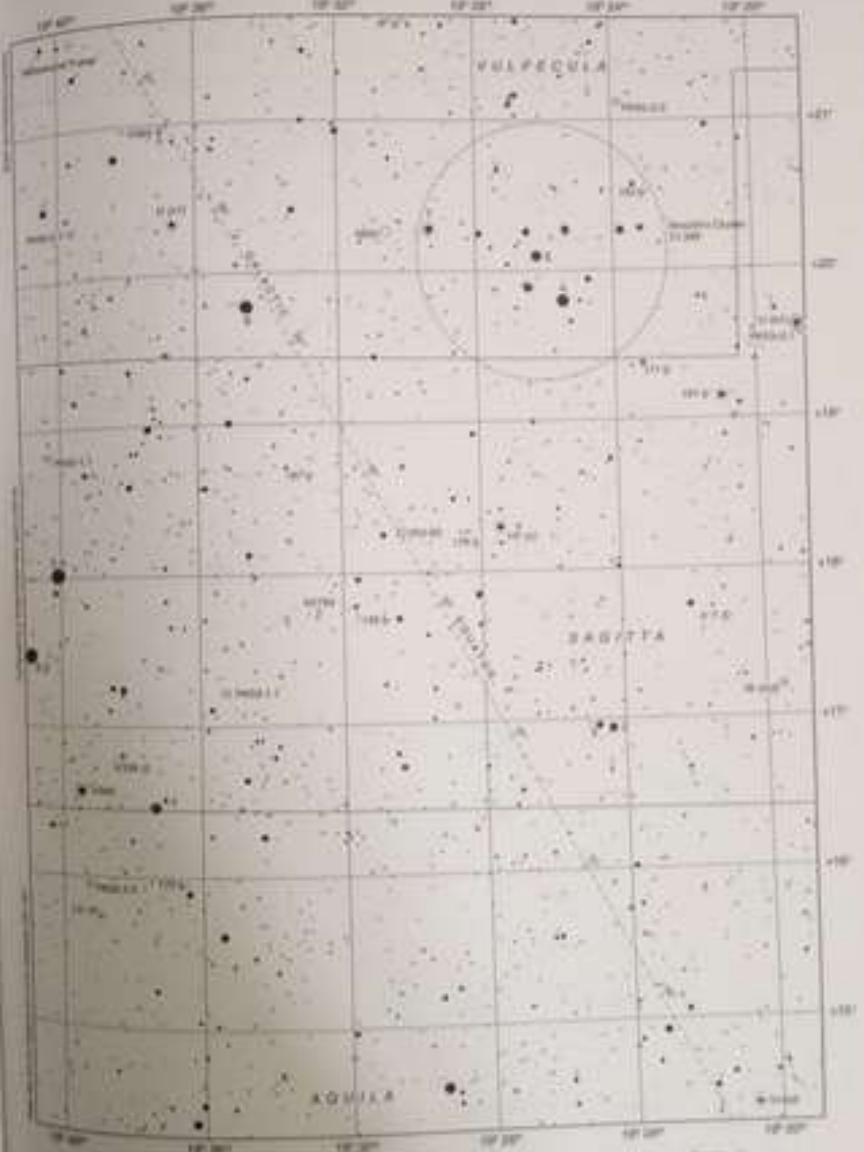
1219

Star Magnitudes: 1 2 3 4 5 6

Variable Star Amplitudes and Types:  $\Delta$   $\nabla$   $\square$   $\circ$   $\ominus$   $\oplus$   $\otimes$   $\oplus$   $\ominus$   $\otimes$   $\oplus$   $\ominus$   $\otimes$

Flare Star Symbols:  $\Delta$   $\nabla$   $\square$   $\circ$   $\ominus$   $\oplus$   $\otimes$   $\oplus$   $\ominus$   $\otimes$

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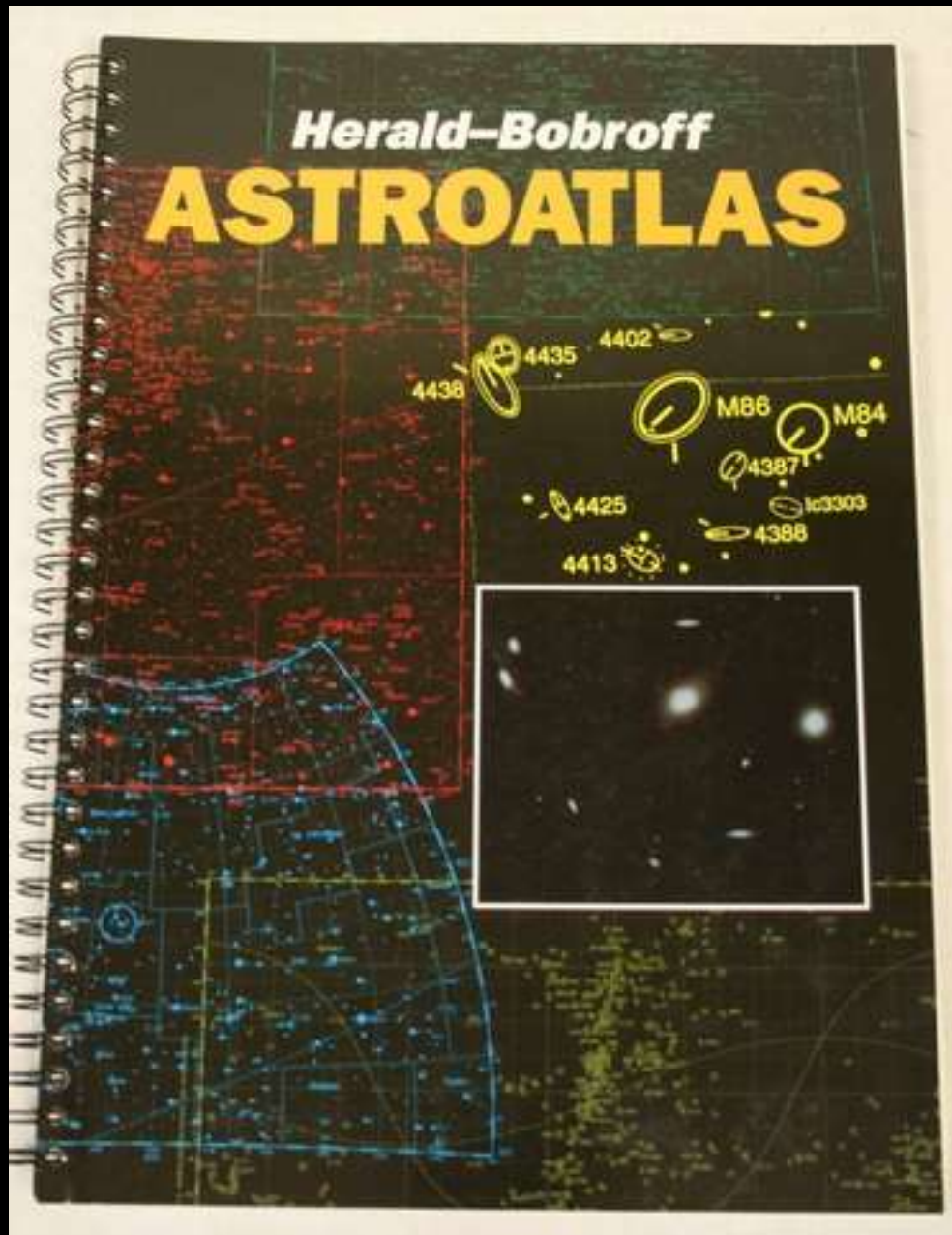
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Variable Star Amplitudes and Types:  $\Delta$   $\nabla$   $\square$   $\circ$   $\ominus$   $\oplus$   $\otimes$   $\oplus$   $\ominus$   $\otimes$   $\oplus$   $\ominus$   $\otimes$

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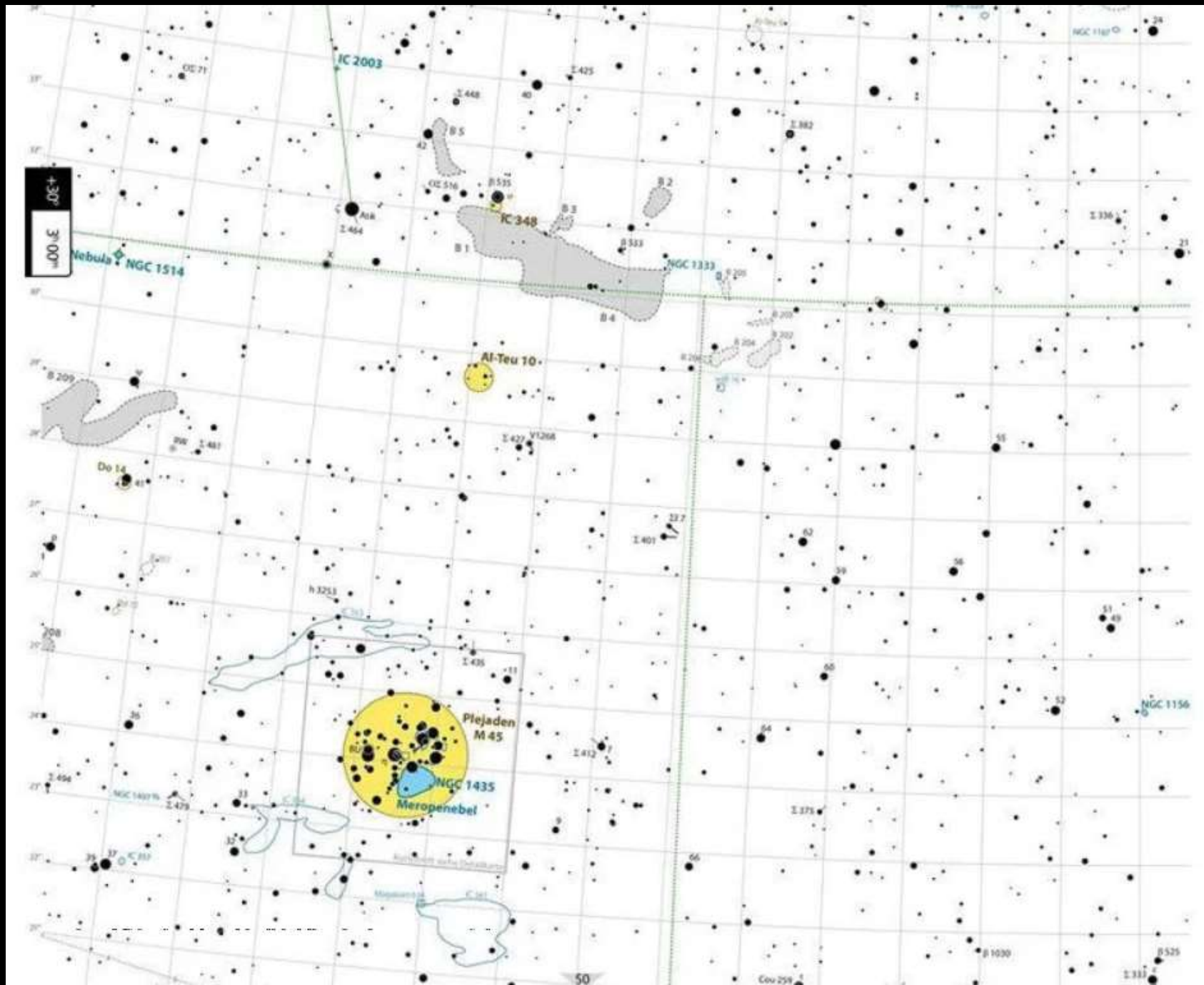
# Deep Sky Atlas

DESK EDITION

Ronald Stoyan, Stephan Schurig

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DEEP-SKY COMPANIONS

# The Messier Objects



Stephen James O'Meara

With a Foreword by David H. Levy



DEEP-SKY COMPANIONS

# The Caldwell Objects



Stephen James O'Meara

With a Foreword by Henry Wood

Corvus





Figure 20-10. The Pegasus Cluster. This cluster, located in the constellation Pegasus, is visible with a 10" telescope.

**NGC 7626** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

**NGC 7626** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10



Finder Chart 20-A, 20 (Fig. 20-11)

**NGC 7625** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

**NGC 7625** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

**NGC 7625** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10



Figure 20-11. The large, diffuse NGC 7625 can be seen to have a prominent central bar surrounded by very faint spiral arms. Deep viewing of Orion shows.



Figure 20-12. The large, diffuse NGC 7626 can be seen to have a prominent central bar surrounded by very faint spiral arms. Deep viewing of Orion shows.

**NGC 7626** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

**NGC 7626** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

**NGC 7626** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

**NGC 7626** H220<sup>2</sup> Galaxy Type E pec  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-A, Figure 20-10

that point toward but just slightly north of the galaxy. To south of these stars is galaxy NGC 7627, which has a tiny core surrounded by a very faint diffuse  $30''$  diameter halo. Two 12th magnitude stars lie  $1''$  NW of NGC 7627, the northernmost with a 12th magnitude companion to its SW.

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11



Finder Chart 20-A, 20 + Fig. 20-12 (Fig. 20-12)

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

**NGC 7628** H220<sup>2</sup> Galaxy Type SA(rs)B  
 $0.25 \times 1.2$ , m11.6, SB11.2  
 Finder Chart 20-B, Figure 20-11

Finder Chart 20-A, 20 + Fig. 20-12 (Fig. 20-12)

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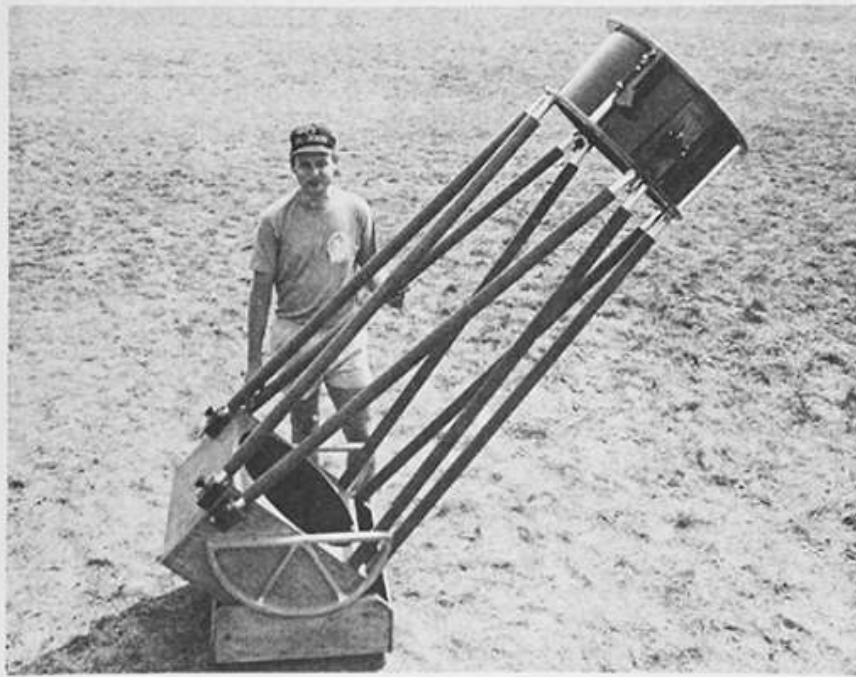
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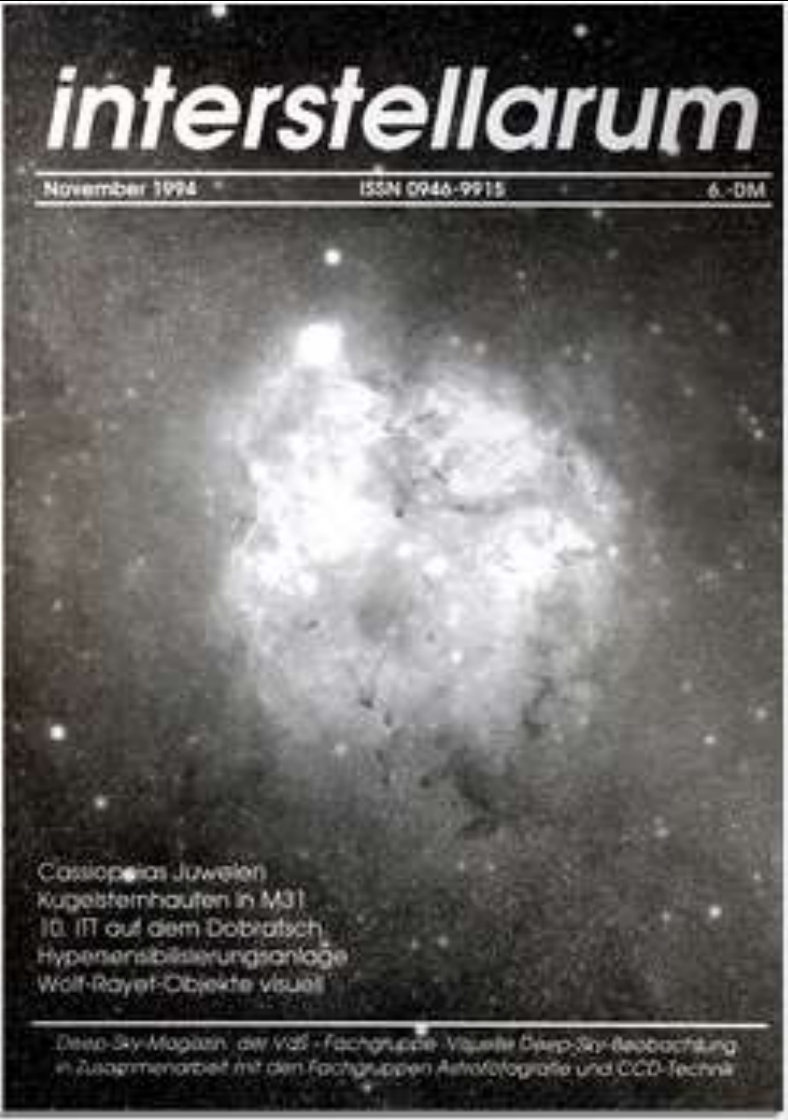
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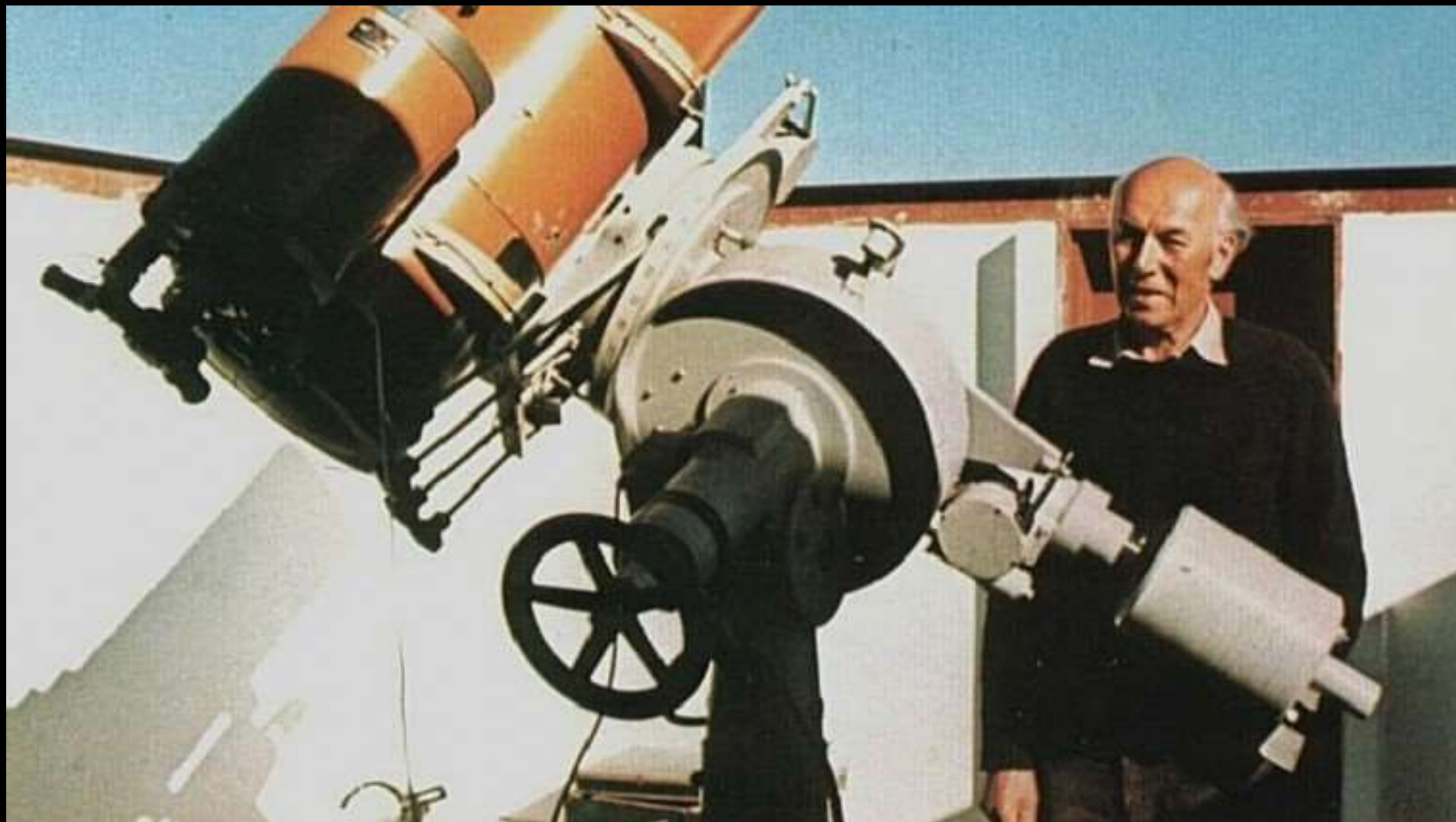
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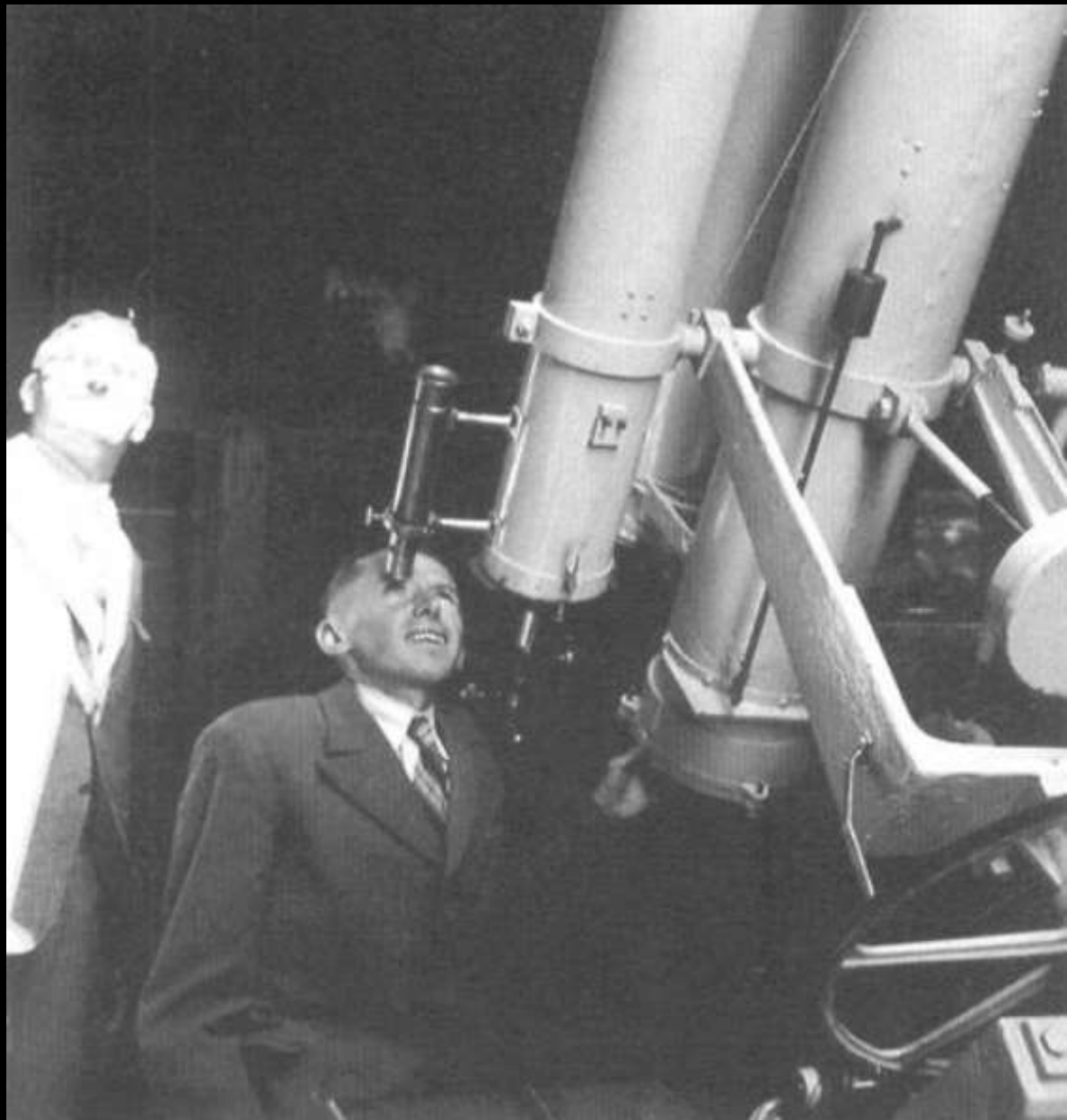
Photographic Star Atlas

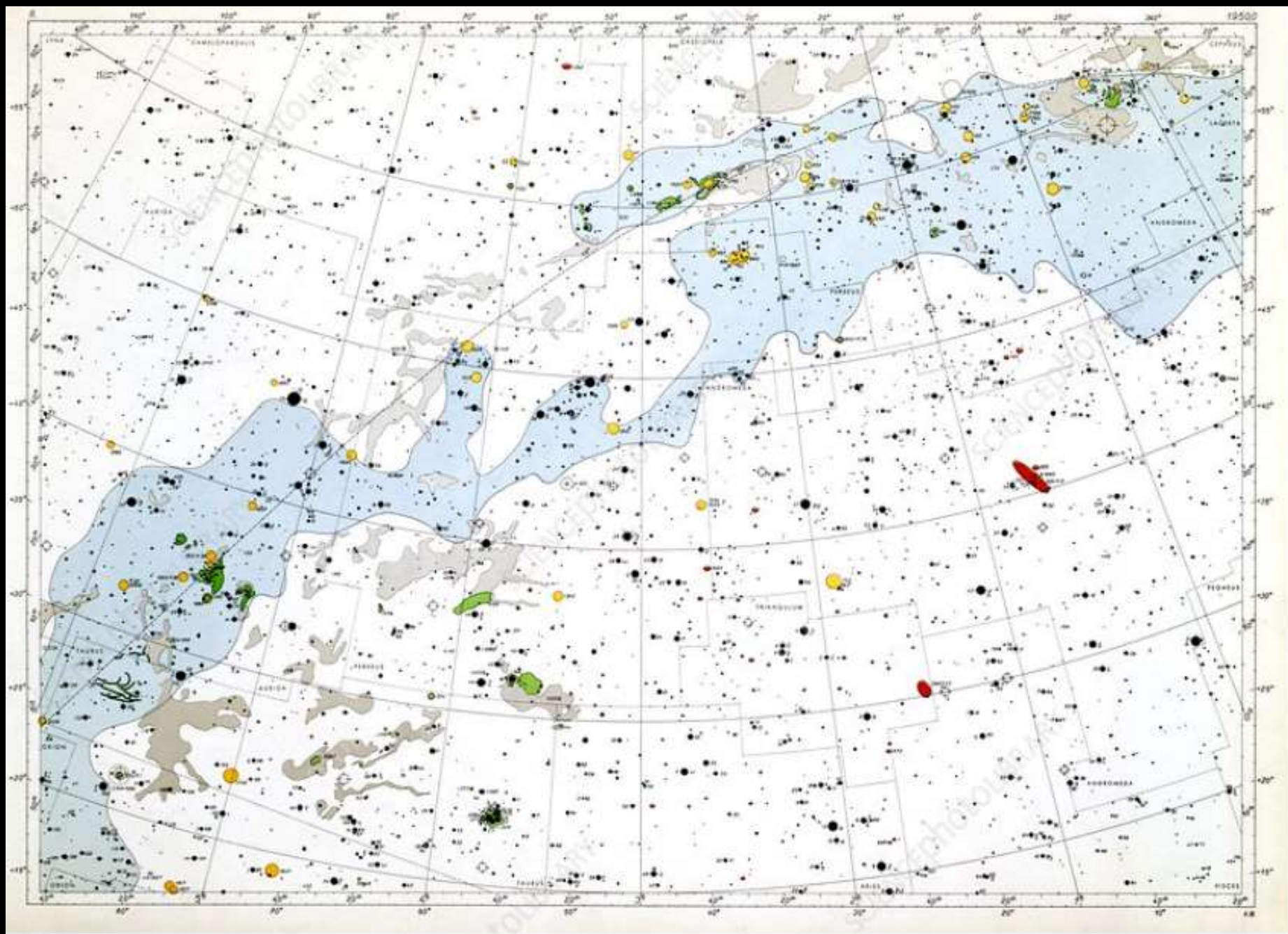
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