

*Some Communications, confirming the present Appearance of the Ring about Saturn, by M. Hugens de Zulechem and Mr. Hook.*

**T**He former writeth in a Letter of his, dated at the Hague Octob. 31. 1670. ft. n. That he observ'd *Saturn* with his Telescope of 22 feet, a little before he came out of *France*, which was the last Summer of this 1670. and saw his Figure to be very conform to what it should be according to his *Hypothesis*; viz. the *Ansæ* or Arms to be very narrow, insomuch that their opening appear'd not but very obscurely.

The *Latter* hath observed the same in *London*, Septemb. 16. ft. v. as is represented in *Tab. 1. Fig. 3.*

*An Extract out of a lately Printed Epistolary Address, made to the G. Duke of Tuscany touching some Anatomical Engagements, of Laur. Bellini, Ord. Anat. Prof. at Pisa.*

**I** Promise (saith that learned Anatomist) to give the whole Doctrine of *Respiration*, and to comprehend it in that order, that if I am not deceived in my own affair, the matter of the principal part of the *Breast*, and the whole *Fabrick* of the *Lungs* shall be made certain and evident, forasmuch as all things do so aptly answer to one another, and are grounded upon *Geometrical Principles*. The sum of it is this in the Authors own words.

*Fuit in Asperam Arteriam aer, momento composito ex gravitate & vi laterali, eaque Aeri, extrinsecus superficiem pectoris circumprimenti, æquponderat. Hinc musculis Inspiratoriis sese contrahendi potestas permittitur; unde Costarum elevatio ac dilatatio, & aucta Pectoris amplitudo: Tum penitior Aeris irruptio, & expansio ductuum pulmonarium; quod totam in Inspiratione contingit.*

*Mox proprio pondere concidentibus supra tumidum Pulmonem costis, spatium Pectoris fit Angustius, & ipsarum ac diaphragmatis vi Pulmo comprimitur; Aerque partim per os extru-*

Stella in Cygno,  
observata a  
Joh. Hevelio  
Anno 1670. die 25 Julij st n

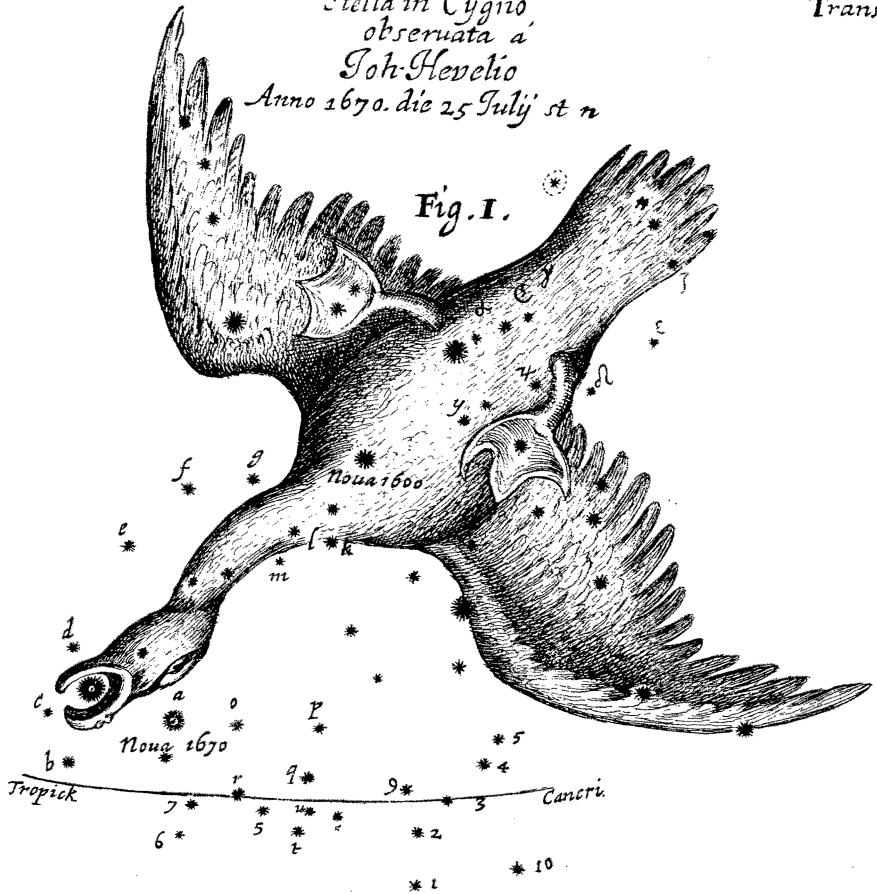


Fig. I.

Saturnus Observatus  
GEDANI  
Anno 1670. die 26 August.  
Joh. Hevelio.

Sat. obs. Lond.  
a R. Hook.  
Septembr  $\frac{26}{16}$  1670.

Fig. II.

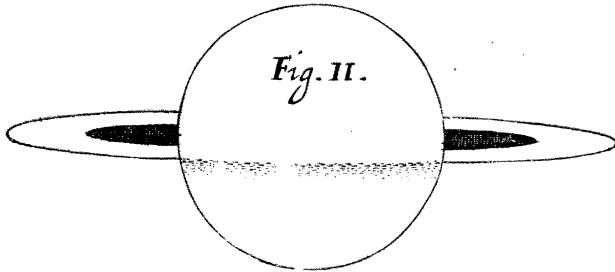


Fig III

