

a clear and decided Copernican. In his "Alæ sive Scalæ Mathematicæ," 1573, he bestows high praise upon Copernicus and upon his system: and appears to have been a believer in the real motion of the Earth, and not merely an admirer of the system of Copernicus as an explanatory hypothesis.

*Giordano Bruno.*

THE complete title of the work referred to is:

"Jordani Bruni Nolani De Monade Numero et Figura liber consequens Quinque De Minimo Magno et Mensura, item De Innumerabilibus, Immenso et Infigurabili; seu De Universo et Mundis libro octo. (Francofurti, 1591.)"

That the Reader may judge of the value of Bruno's speculations, I give the following quotations:

Lib. iv. c. 11 (Index). "Tellurem totam habitabilem esse *intus* et extra, et innumerabilia animantium complecti tum nobis sensibilibus tum *occultorum* genera."

C. 13. "Ut Mundorum Synodi in Universo et particulares Mundi in Synodis ordinentur," &c.

He says (Lib. v. c. 1, p. 461): "Besides the stars and the great worlds there are smaller living creatures carried through the ethereal space, in the form of a small sphere which has the aspect of a bright fire, and is by the vulgar regarded as a fiery beam. They are below the clouds, and I saw one which seemed to touch the roofs of the houses. Now this sphere, or beam as they call it, was really a living creature (*animal*), which I once saw moving in a straight path, and grazing as it were the roofs of the city of Nola, as if it were going to impinge on Mount Cicada; which however it went over."

There are two recent editions of the works of Giordano Bruno; by Adolf Wagner, Leipsick, 1830, in two volumes; and by Gfrörer, Berlin, 1833. Of the latter I do not know that more than one volume (vol. ii.) has appeared.

*Did Francis Bacon reject the Copernican System?*

MR. DE MORGAN has very properly remarked (*Comp. B. A.* 1855, p. 11) that the notice of the heliocentric question in the *Novum Organon* must be considered one of the most important passages in his works upon this point, as being probably the latest written and best