

the young ones make their way out at several small holes; whereas the true *Kermes*-husk seems to be pierced but in one place.

The *Second*; The discovery of our *English Kermes* hath very much pleased some of the Curious in these parts; who resolve upon Tryals of it the next season. I think, I advertised you formerly, that that deep purple or violet, with which the insides of the husks are lin'd, is much spent, if the husks be not taken whilst the Bees are in *vermiculo*; and the blackest husks are richest in colour. Yesterday in very good company we compar'd our *English Purple-kermes* with the *Scarlet-kermes* or Grains of the Shops, and found them in every point to agree save in the colour of their Juices; and particularly (finding in some parcels of the Shops many yet sticking to little twigs of the *Ilex*,) we confidently affirm, that those as well as ours are only contiguous to the *Ilex*-branches, and are not *excrescencies* of the Tree, much less *fruit* or *berries*; by which abusive names they have been too long known; But that they are the artifice and sole work of the mother-Bee in order to the more convenient hiving and nourishment of her young.

An Extract of a Letter, written to the Publisher by the Excellent Johannes Hevelius, concerning his further Observations of the New Star near the Beak of the Swan; to be compared with what was formerly published of the same Argument in Numb. 65. and Numb. 66.

This Extract we shall give you in the same Language it was written from *Dantzick* the 1st of *May* 1671. ft. n.

—**D**E reliquo mearum etiam partium esse duxi, Vobis quantocyus significare, me nudiustertius, die videl. 29. April. Novam illam Stellam sub capite Cygni, ad Viam Lacteam, quam Anno proximè præterito à mense Junio & Julio, ad usque 14. Octob. conspexeram, denuo observasse, & quidem eo ipso loco, quo tunc temporis consistebat. Interim magnitudine mihi nunc aliquanto major apparet; quippe excedit illam in Rostrò Cygni, nec non eam quæ est in ancone inferioris alæ Cygni, ferèque illi quæ est in Pectore Cygni æquatur, nisi quod lumine paulò obscuriori & rubicundiori modò luceat. Quà verò die primùm rursus illuxerit, affirmare adeò certò non possum. Nam

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cùm ferè in ea fuerim opinione, illam vel nunquam, ut plerumque factum fuit, vel tam cito non redituram, ad locum illum haud sæpius oculos direxi; nec fieri id quidem poterat, cùm hac hyeme, nocturno tempore, circa & infra Horizontem Caput Cygni perpetuo hæserit. Certus interim sum, ad mensem Decemb. Januar. imo Februarii haud conspicuam fuisse. Etenim post 14. Octobris, quo videri desit, memini me eam sæpius quævisse eo in loco, sed nusquam apparuisse. Idcirco, quantum colligere datur, vix ante initium Martij, quin, sine dubio, adhuc tardius iterum prodiit. Prædie eam à reliquis quibusdam Fixis sum dimensus. Distat à Cauda Cygni, 20 gr. 55'. 20"; ab ancone Alæ superioris Cygni, 17 gr. 47'. 50"; à Capite vero Serpentarii, 34 gr. 19'. 40"; sic ut eodem planè loco adhuc persistat, ubi antea fuerat.

De reliquo, mihi persuadeo, cùm semel, & quidem intra adeo breve temporis spatium redierit, illam sæpius fore invisibilem, rursusq; conspicuam, cum incremento & decremento, illius, quæ in Collo Ceti est, adinstar. Proinde operæ pretium fuerit, cùm Philosophiæ plurimum inter sit scire, An dentur evidentes ejusmodi alterationes in Cælo plures, ubi diligentius impostertum ad eam attendamus; possitne certa quædam Hypothesis de ejus occasu & ortu, decremento item & incremento, à nobis excogitari? Et an singulis annis, ut Stella in Collo Ceti, sub aspectum veniat? An certo anni & omni tempore sub aspectum veniat, pariratione; an vero cum retardatione vel anticipatione aliqua certa? Et denique, an semper æquali magnitudine, simili colore & lumine prodeat, permaneatque? Ego, dante Deo, meam operam hac in parte polliceor; reliqui Uraniæ cultores quin idem facturi sint, nullus dubito.

Another Account of the same Subject, Englished out of the French Journal des Scavans, printed at Paris the 22th of June 1671.

THE New Star, which Don Anthelme, a Carthusian of Dyon, hath lately discover'd *, is one of the rarest Appearances observed this good while. As this person contemplated the Heavens at night, June 20th of the last year, desirous to discover that admirable Star, which hath appear'd and disappear'd twice since the beginning of this Century in the Constellation of

* See Numb. 65. p. 2092. Where the time mentioned of the first discovery of this Star, differs from that of the relation of this Journal, and is doubtless hence to be corrected.