## Appendix

# A Selection of Kepler's Handwritten Charts<sup>1</sup>

## Notes on Viewing the Charts

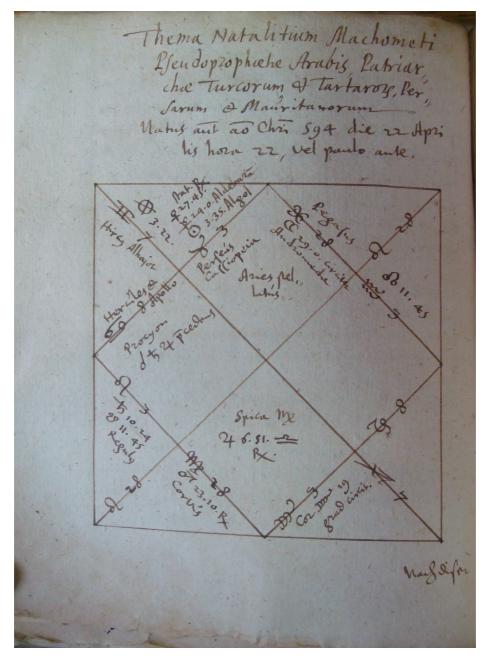
Kepler most often drew his charts in sets of six on one page. We give a sample of a page here, with numbers showing the order in which the charts are described in the figures. Sometime there are only two charts per page, and these are described from top to bottom. Each figure includes its Pulkovo volume number, folio number, and *recto* or *verso*. All but Figure 1 have corresponding pages of transcriptions in *GW* 21, 2.2, and these are also listed with each figure.

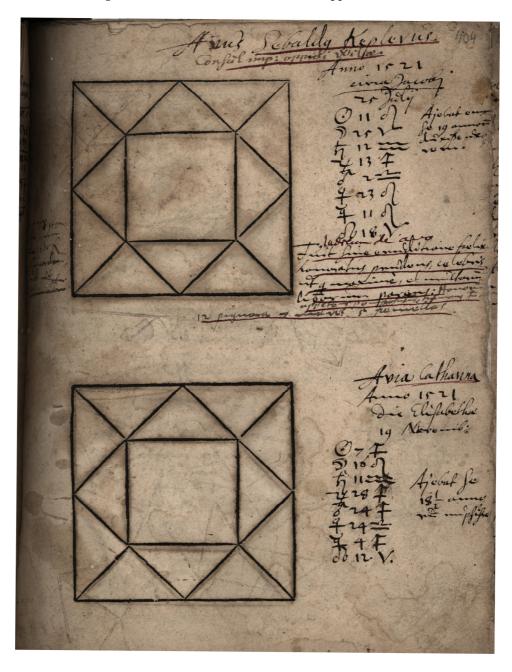
1	2
3	4
5	6

In addition to the Austrian royal family and charts already supplied with the translations, within these pages are included notable figures such as Martin Crusius, Tycho Brahe, Pope Paul IV, Andreas Vesalius, Caspar Creuziger, H. Eobanus Hessus, Caspar Peucer and Johannes Schoener.

<sup>&</sup>lt;sup>1</sup> We thank Dr Irina V. Tunkina, Director of the Kepler Archive in St Petersburg, for permission to publish these folios. We also thank Karine Dilanyan for researching the folios and obtaining the scans from the Archive.

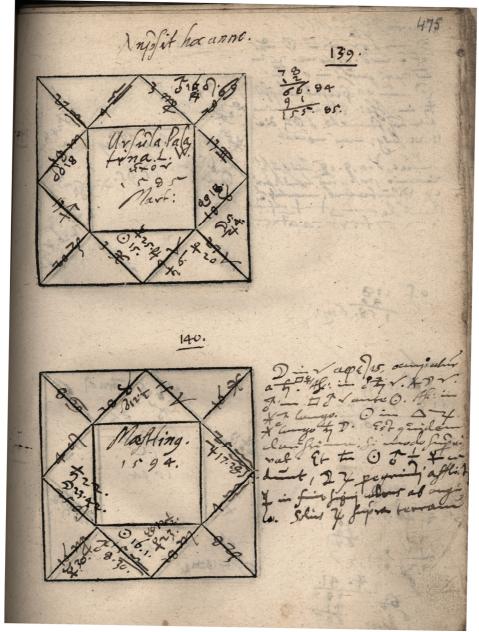






**Figure 2. Kepler's Paternal Grandparents, Sebald and Katharina Kepler** (*Pulkovo 21, 404r* = *GW* 21, 2.2, pp. 6-7)

Figure 3. (top) Ursula von Pfalz-Veldenz, Solar Return March 1585 (bottom) Michael Mästlin, Solar Return 1594 (*Pulkovo 21, 475r* = GW 21, 2.2, pp. 104-105)



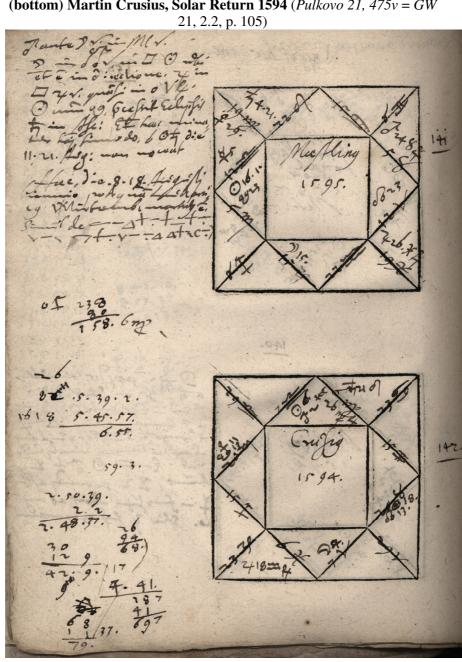
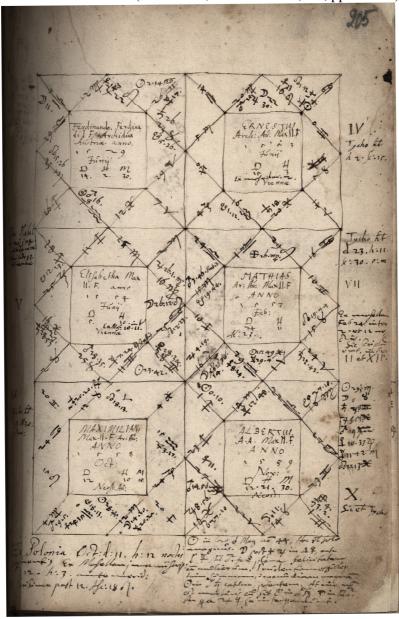
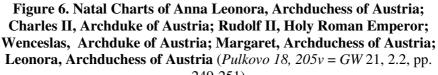


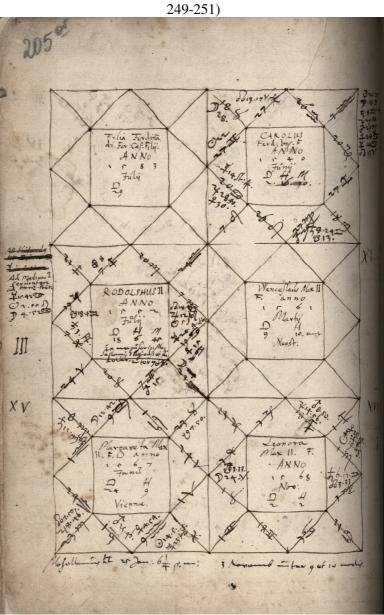
Figure 4. (top) Michael Mästlin, Solar Return 1595 (bottom) Martin Crusius, Solar Return 1594 (*Pulkovo 21, 475v* = GW

Figure 5. Natal Charts of Ferdinand II, Archduke of Austria; Ernest, Archduke of Austria; Elisabeth, Archduchess of Austria; Matthias, Holy Roman Emperor; Maximilian III, Archduke of Austria; Albert, Archduke of Austria (*Pulkovo 18, 205r = GW 21, 2.2, pp. 247-49*)



Culture and Cosmos





Culture and Cosmos

Figure 7. Natal Charts of Pope Paul IV; Martin Luther; Matthias Flacius Illyricus; Friedrich Wilhelm I, Duke of Saxony-Weimar; Heinrich Julius, Duke of Braunschweig-Lüneburg; Georg Friedrich I, Margrave of Brandenburg-Ansbach (*Pulkovo 18, 213v* = *GW*21, 2.2, pp. 274-75)

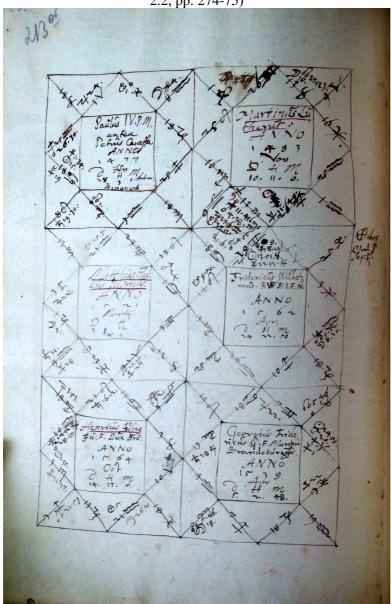
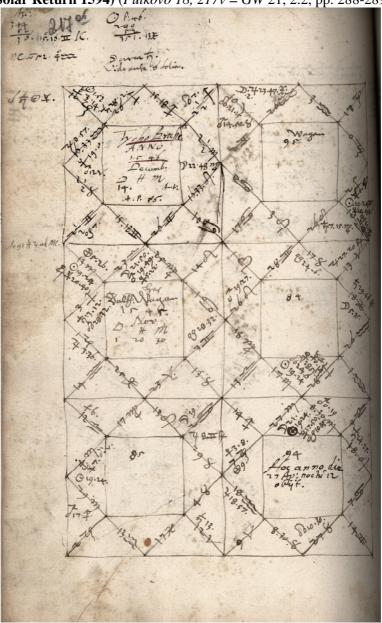
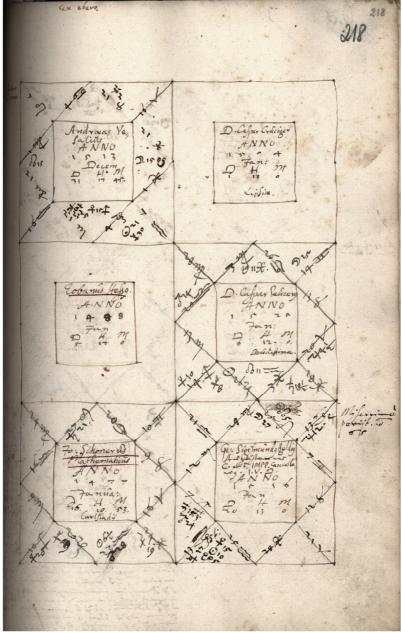


Figure 8. Charts of Tycho Brahe (natal), Balthasar Wagan (Solar Return 1595), Balthasar Wagan (natal), Balthasar Wagan (Solar Return 1584), Balthasar Wagan (Solar Return 1585), Balthasar Wagan (Solar Return 1594) (*Pulkovo 18, 217v* = *GW* 21, 2.2, pp. 288-289)



**Figure 9. Natal Charts of Andreas Vesalius, Caspar Creuziger, Helius Eobanus Hessus, Caspar Peucer, Johannes Schoener and Georg Sigismund Seld** (*Pulkovo 18, 218r = GW 21, 2.2, pp. 290-91*)



Culture and Cosmos

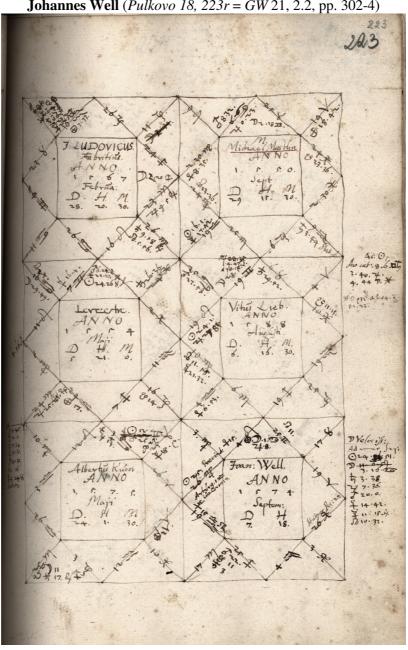
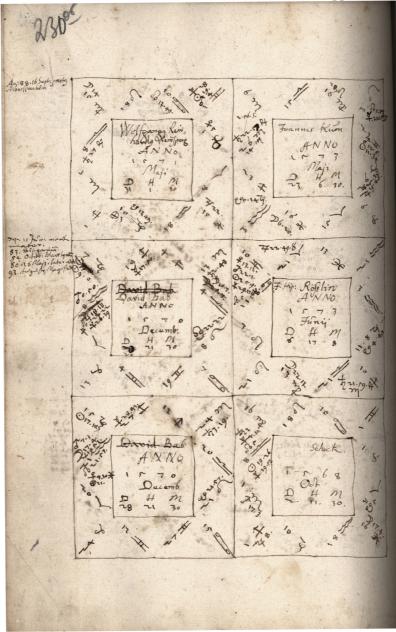


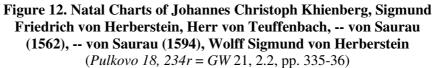
Figure 10. Natal Charts of Johann Ludwig Fabricius, Michael Mästlin, A Procurator (in secret writing), Vitus Lieb, Albert Kuon, Johannes Well (*Pulkovo 18, 223r* = *GW* 21, 2.2, pp. 302-4)

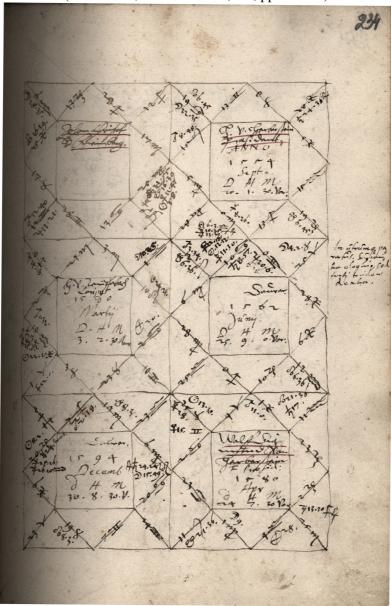
Culture and Cosmos

**Figure 11. Natal Charts of Wolfgang Reinhard Weinsperg, Johannes Kuon, David Bab (correct), Johannes Hipparch Rösslin, David Bab (incorrect), -- Scheck** (*Pulkovo 18, 230v = GW* 21, 2.2, pp. 323-25)

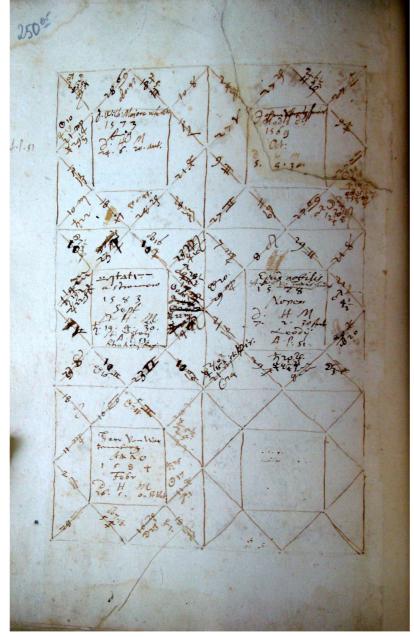


Culture and Cosmos





**Figure 13. Natal Charts of Anonymous, Dr Johann Pfrentzscher, Albrecht von Wallenstein (secret writing), Gerhard von Taxis, von Wartemberg, blank chart** (*Pulkovo 18, 250v* = *GW* 21, 2.2 pp. 381-82)



Culture and Cosmos