



Cassini's Terrestrial and Celestial Globes

Globi Terrestre e Celeste di Cassini

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The "Christmas Ball" version of the famous terrestrial and celestial globes by Cassini

La versione "palle di Natale" dei celebri globi terrestre e celeste di Cassini

Giovanni Maria Cassini (1745 – 1824) was an Italian globe maker, geographer, engraver, and cartographer. His main cartographic work was the *Nuovo Atlante Geografico Universale* of 1792-1801.

In 1790, the Calcografia Camerale of Rome published his twelve terrestrial globe gores that updated the world cartography after the three voyages of Captain James Cook around the globe.

The twelve celestial globe gores were published in 1792. The celestial globe was based upon the astronomical observations of Flamsteed and Lacaille, and depict all known constellations with stars varying in size according to their magnitude.

The hi-res digital reproductions of the terrestrial and celestial gores are available at the Library of Congress (USA), Geography and Map Division (<http://www.loc.gov/index.html>), and at the David Rumsey Map Collection (<http://www.davidrumsey.com/>). Both of these two sites are really worth of visiting.

Giovanni Maria Cassini (1745 – 1824) fu un costruttore di globi, geografo, incisore e cartografo italiano. La sua opera principale fu il Nuovo Atlante Geografico Universale del 1792-1801.

Nel 1790 la Calcografia Camerale di Roma pubblicò i suoi dodici fusi per globo terrestre, aggiornato secondo le ultime rilevazioni effettuate durante i tre viaggi attorno al mondo del Capitano inglese James Cook.

I dodici fusi celesti furono pubblicati nel 1792. Il globo celeste è basato sulle osservazioni astronomiche di Flamsteed e Lacaille, e rappresenta tutte le costellazioni allora conosciute con le stelle di grandezza variabile secondo la loro magnitudo.

Le riproduzioni digitali ad alta risoluzione dei fusi terrestri e celesti sono disponibili rispettivamente nel sito della Libreria del Congresso (USA), Divisione Geografia e Mappe (<http://www.loc.gov/index.html>), e nel sito della David Rumsey Map Collection (<http://www.davidrumsey.com/>). Vale veramente la pena di visitare entrambi i siti.



Cassini's Terrestrial Globe *Globo Terrestre di Cassini*





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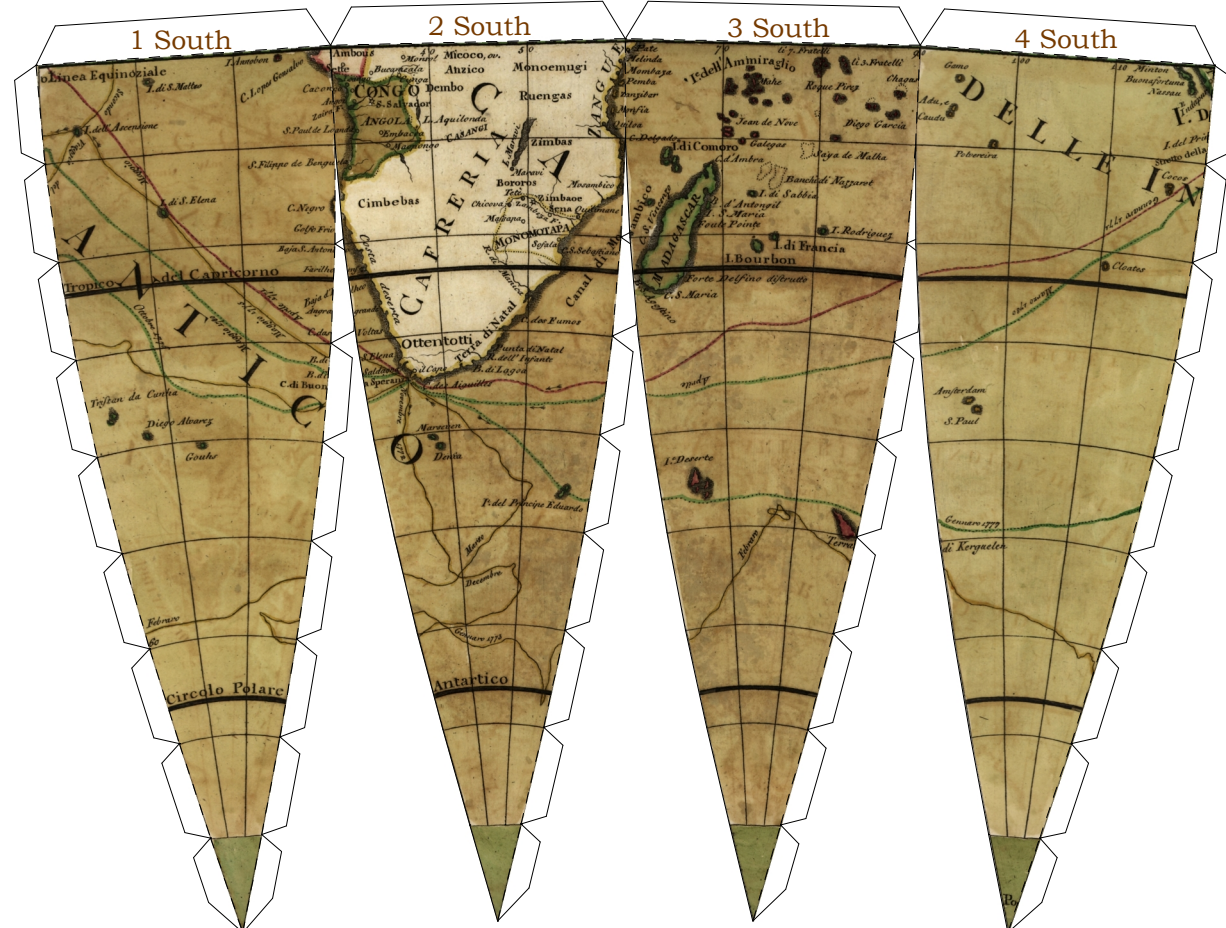
1 North

2 North

3 North

4 North

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1 South

2 South

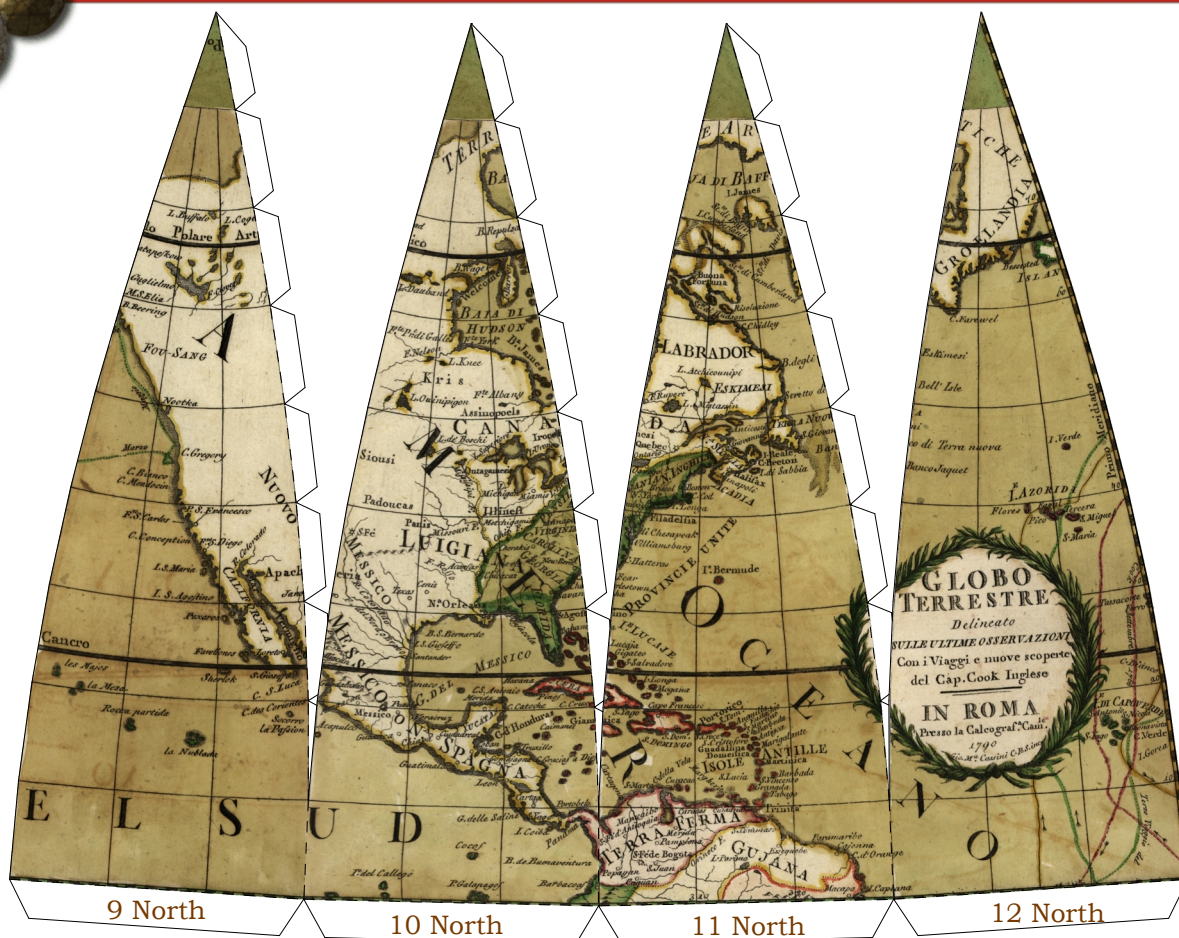
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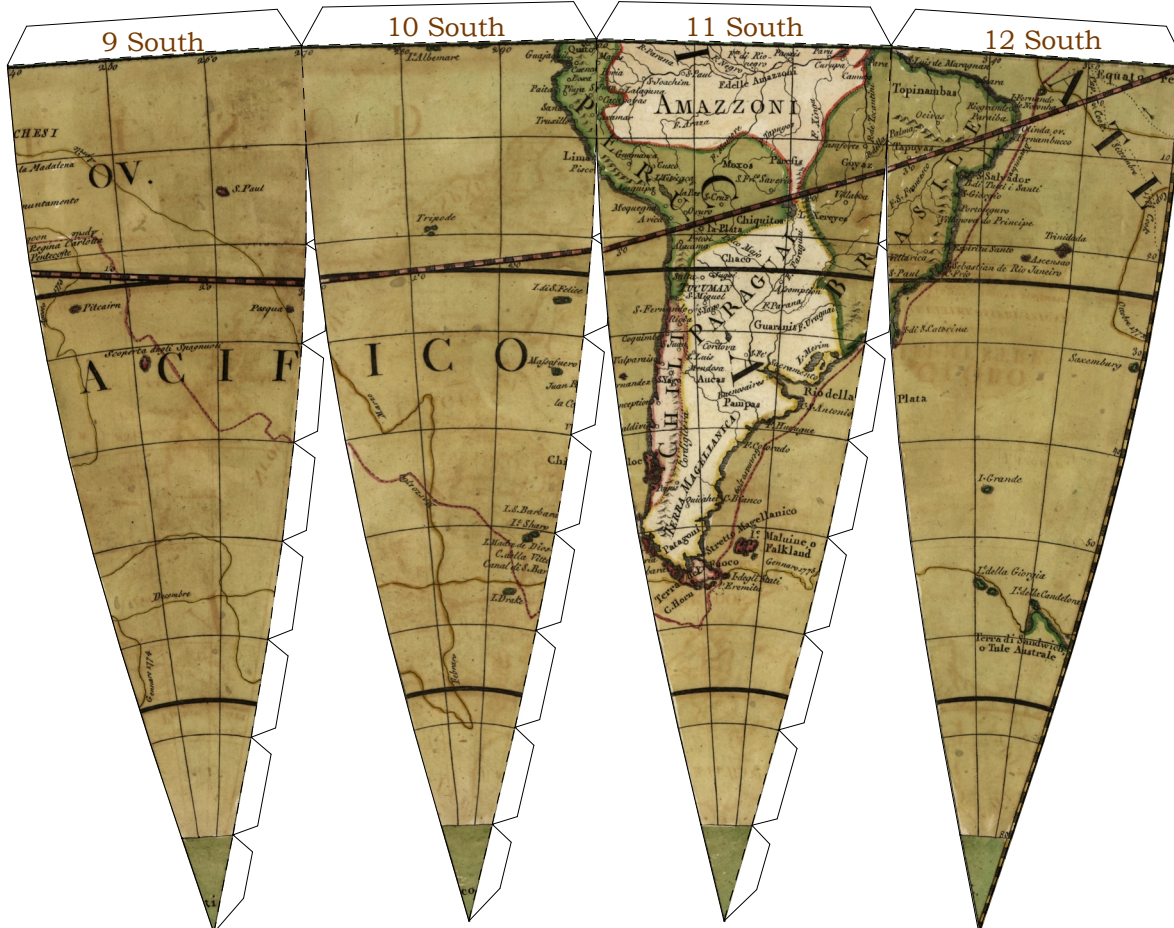


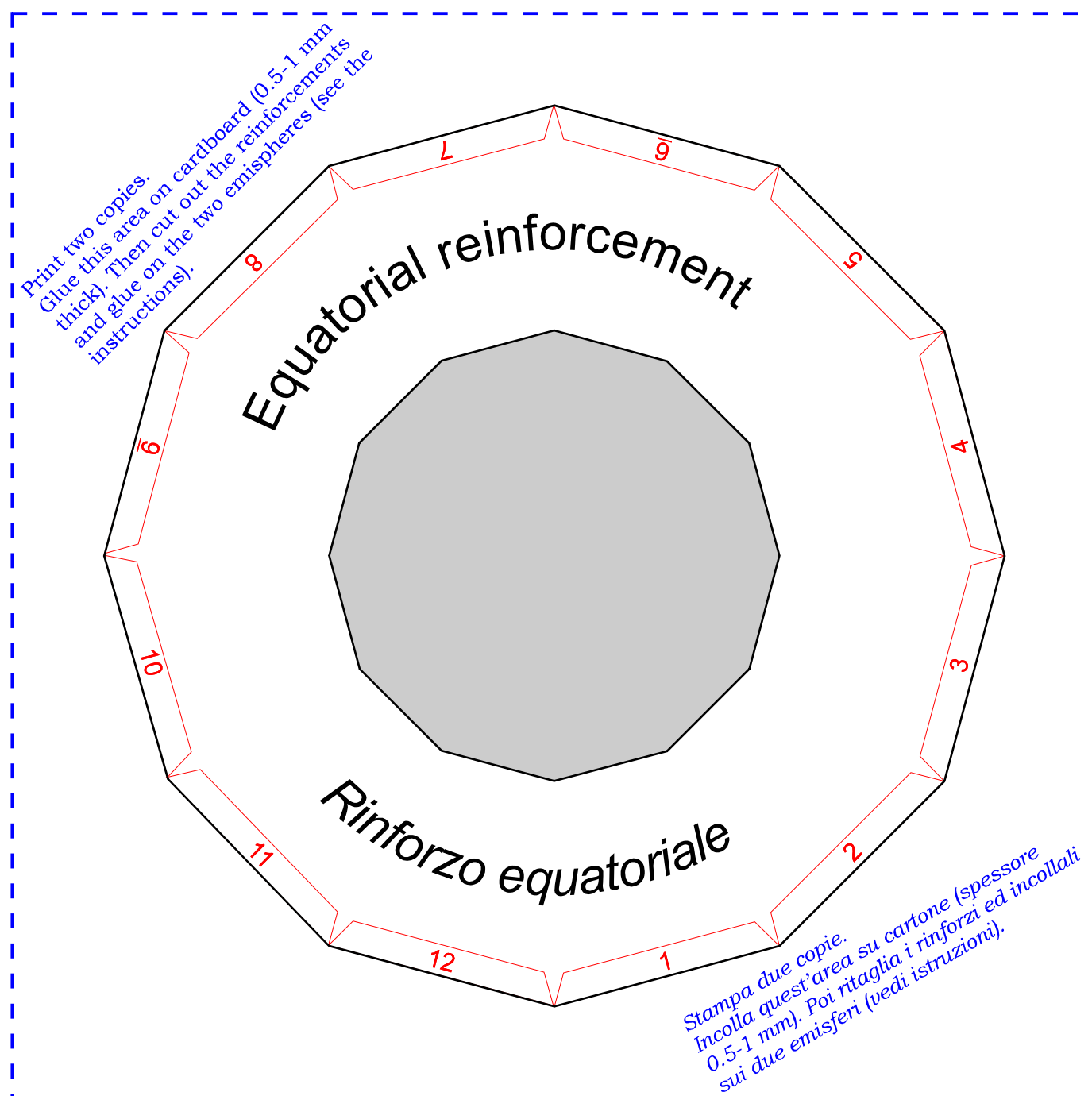
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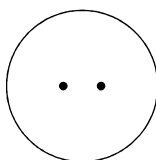


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Washer



Rondella



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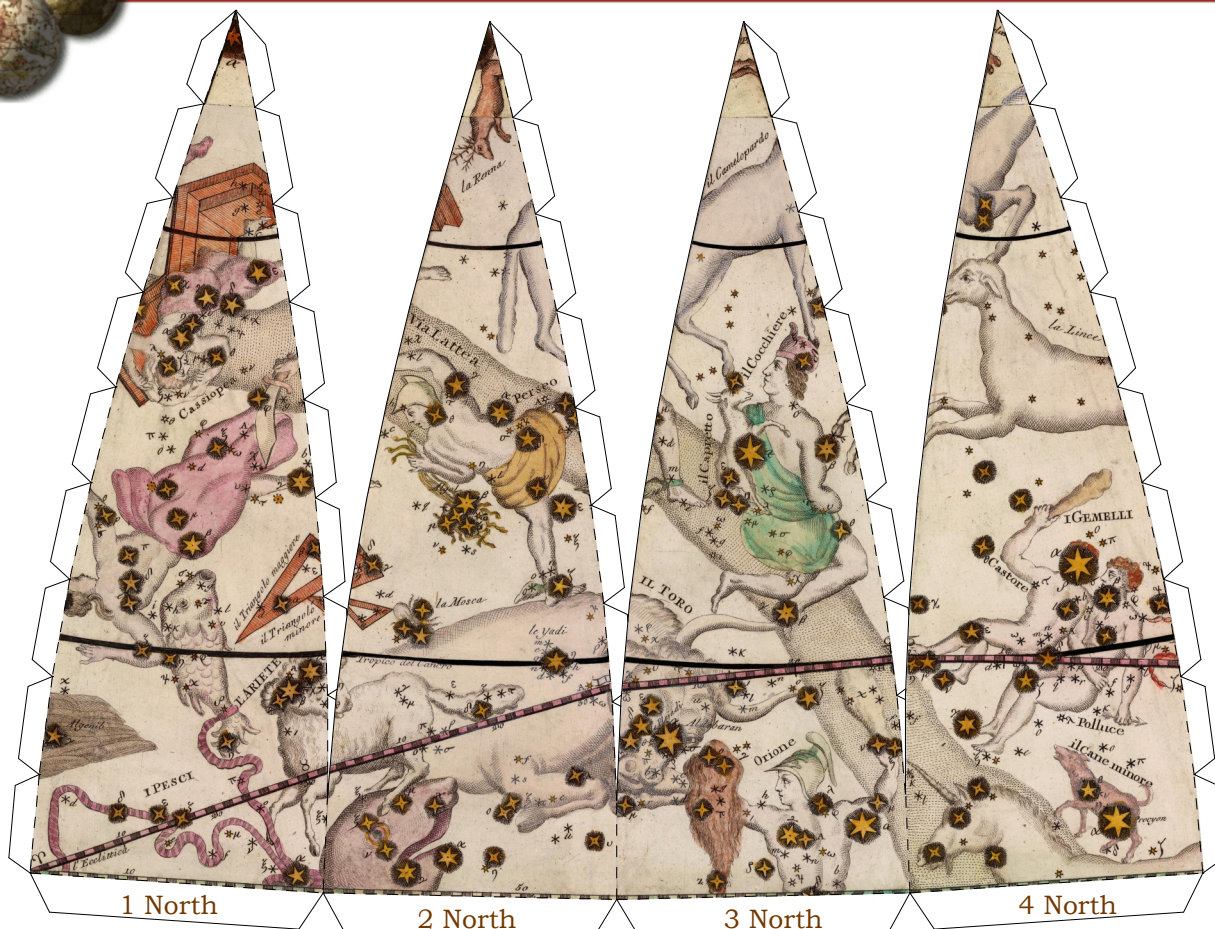




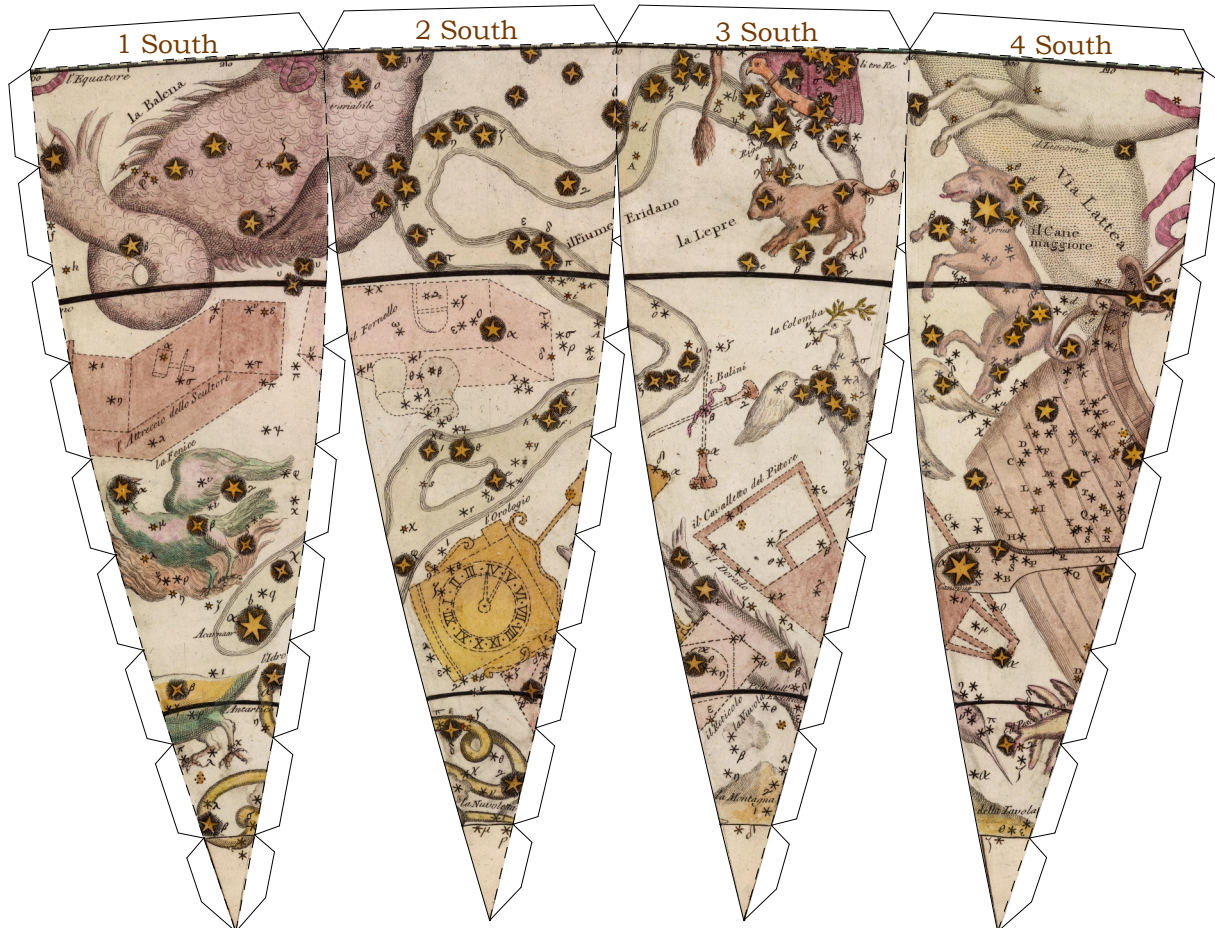
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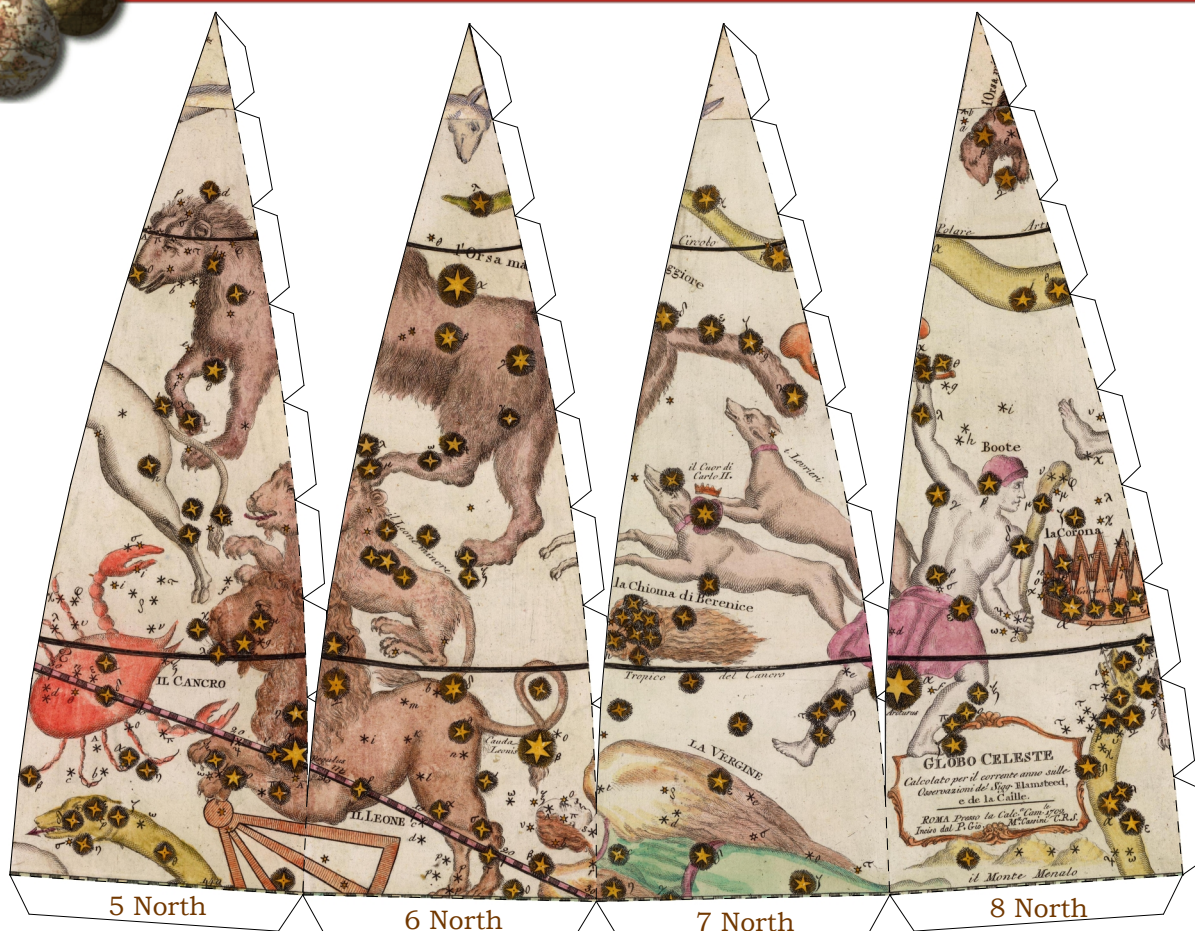




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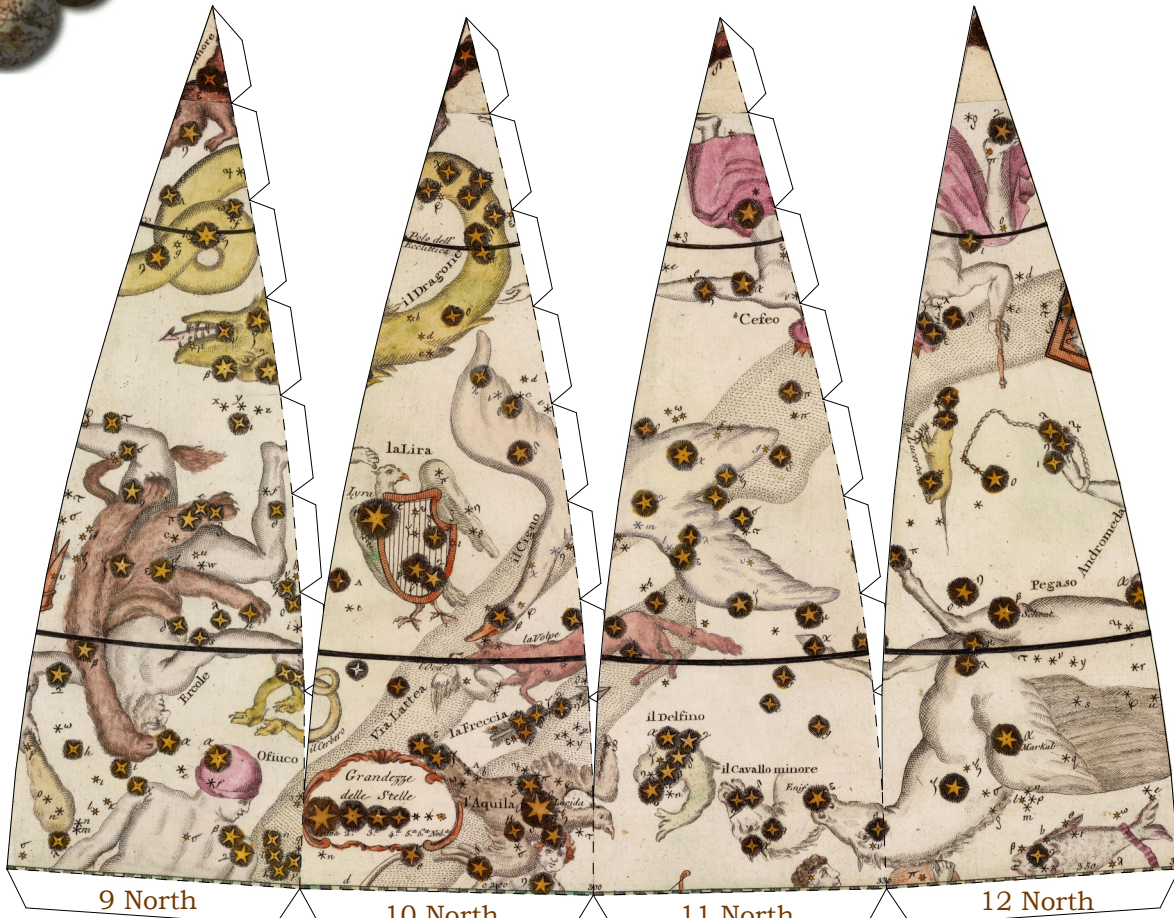
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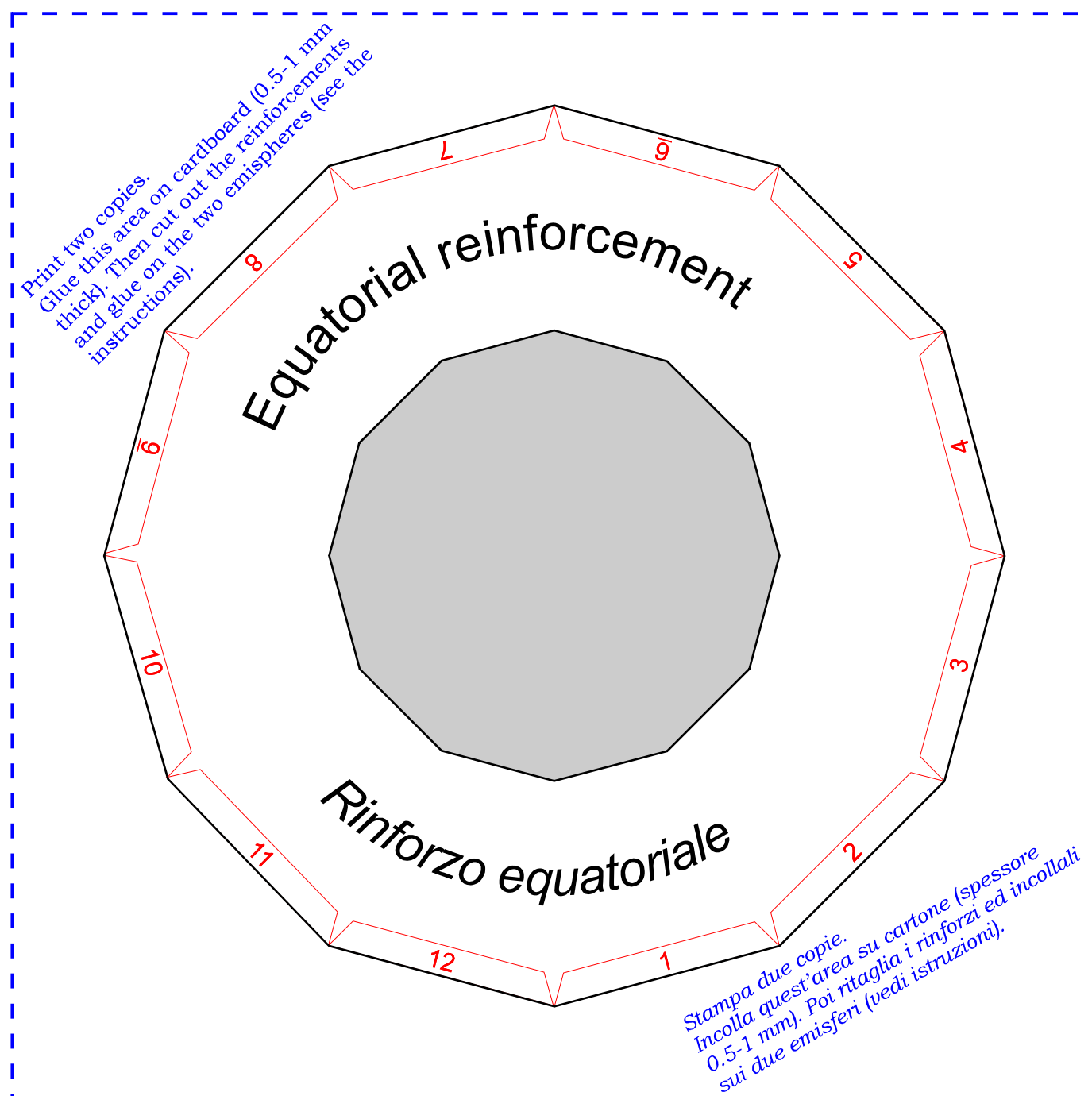
Cassini's Terrestrial and Celestial Globes Globi Terrestre e Celeste di Cassini

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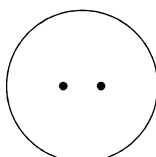


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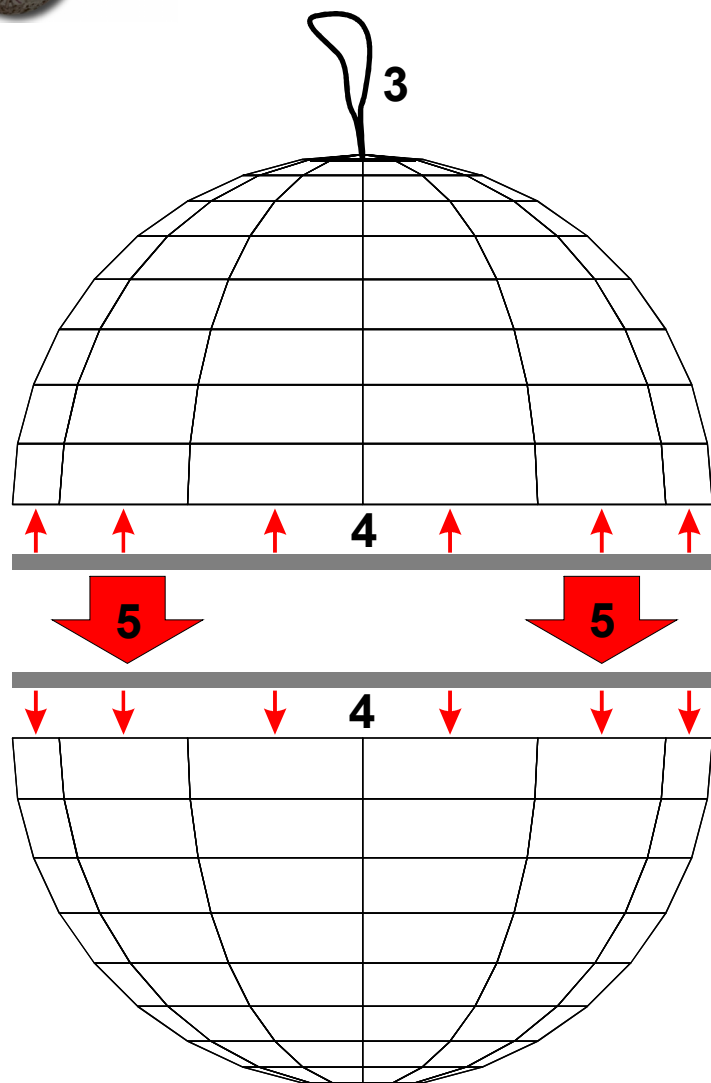
Washer



Rondella

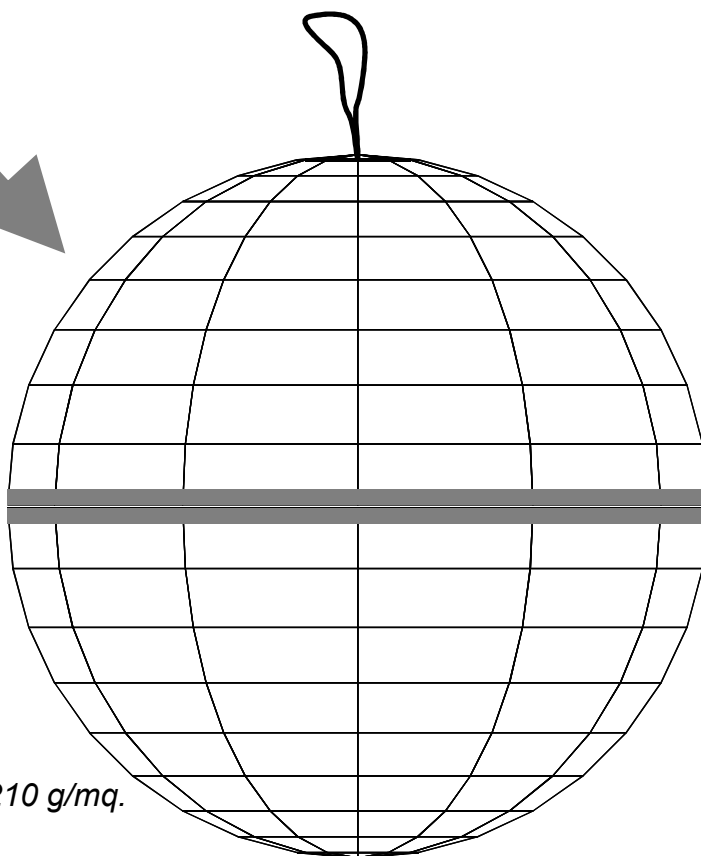
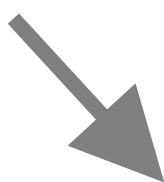
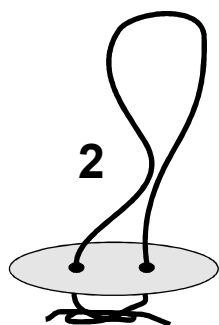


Instructions / Istruzioni



- 1.** Assemble the two hemispheres, following the numerical order.
- 2.** Prepare the strap as in Fig. 2. Use the perforated washer.
- 3.** Pass the strap through the North Pole and glue the washer internally.
- 4.** Glue the equatorial reinforcements on the hemispheres (external flaps!).
- 5.** Glue together the two hemispheres.

- 1.** Assembla i due emisferi seguendo l'ordine numerico.
- 2.** Prepara il laccetto come indicato in Fig. 2. Usa la rondella perforata.
- 3.** Passa il laccetto attraverso il Polo Nord ed incolla la rondella internamente.
- 4.** Incolla i rinforzi equatoriali sui due emisferi (flap esterni!).
- 5.** Incolla insieme i due emisferi.



Paper: 160-210 gsm or 210 gsm photo paper.
Carta: da 160-210 g/mq o carta fotografica da 210 g/mq.

Merry Christmas 2012



Buon Natale 2012

