

Galilean Satellite Globes Update

Report to NASA OPAG Steering Committee

David A. Williams

Arizona State University

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We Want Galilean Satellite Globes!!

- **Uses combined *Galileo-Voyager* mosaics produced by the USGS**
- **Includes named surface features, lat-long grids**

- **Flower petal images for 9" globes were completed for Europa (500 m/px), Ganymede (1 km/px), and Callisto (1 km/px) back in 2009**
- **Io (1 km/px) was completed in 2011**

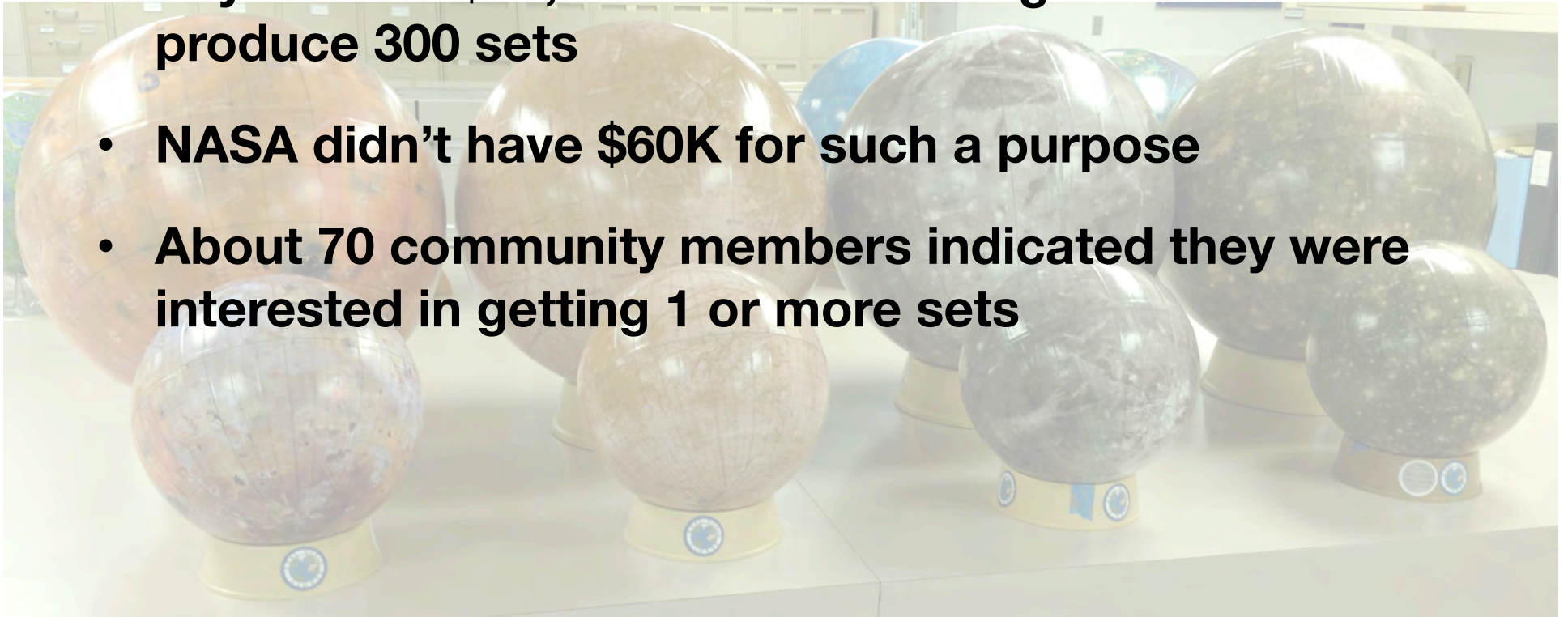
<http://astrogeology.usgs.gov/maps/planetary-maps-and-globes/>



Original Plan: 2009

- Sky Publishing wanted to produce them using Replogle Globes (J. Kelly Beatty, contact)
- Sell as a set of four 9-inch globes for ~\$300/set
- Sky needed \$60,000 from NASA as guarantee to produce 300 sets

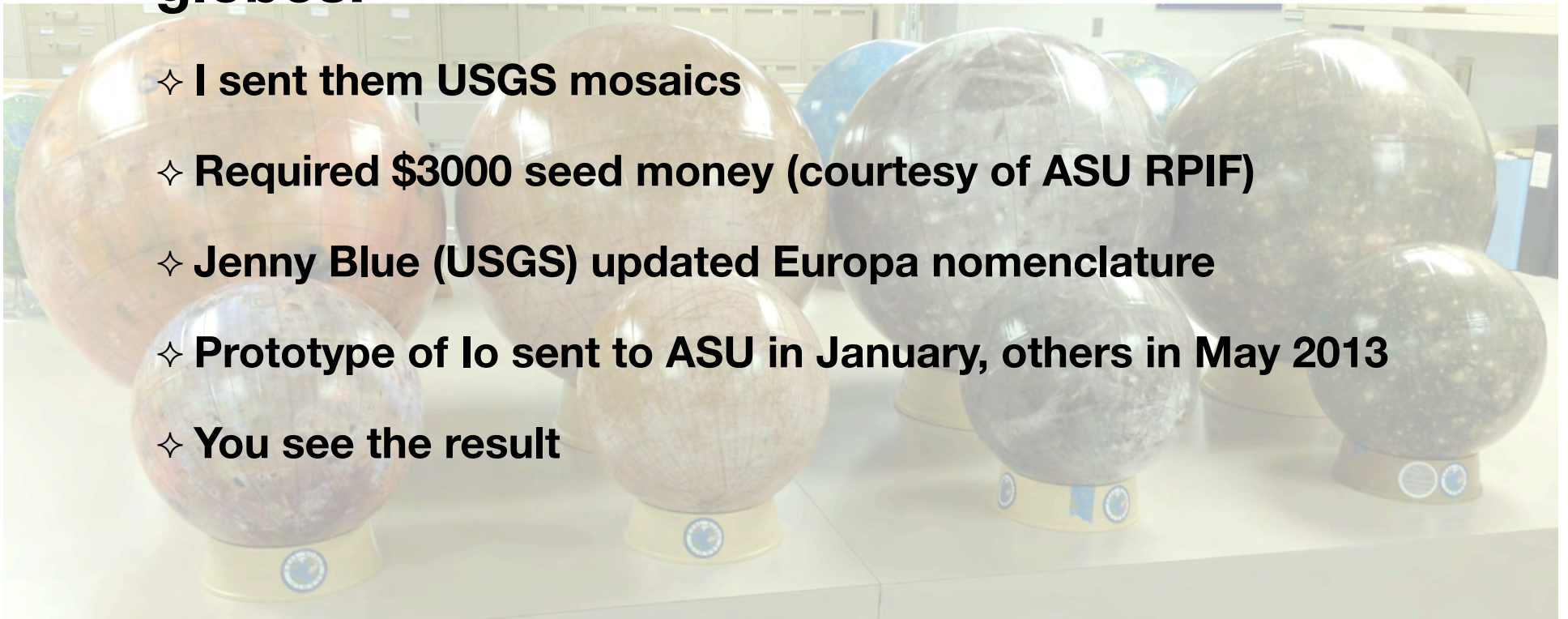
- NASA didn't have \$60K for such a purpose
- About 70 community members indicated they were interested in getting 1 or more sets



New Plan: 2012-2013

- **Cynthia Phillips & I visited Real World Globes booth at 2012 Fall AGU Meeting**
- **They were interested in making the GS globes:**

- ✧ **I sent them USGS mosaics**
- ✧ **Required \$3000 seed money (courtesy of ASU RPIF)**
- ✧ **Jenny Blue (USGS) updated Europa nomenclature**
- ✧ **Prototype of Io sent to ASU in January, others in May 2013**
- ✧ **You see the result**



Current Issues & Availability

- **Not as good quality as Replogle globes**
 - ✧ Lat-long grids uneven with some offsets
 - ✧ I recommend they just use 30° grids for future iterations

- **Currently available as 10" and 18" sizes**

- **10" Globe Cost: \$150 (assembled), \$125 (unassembled)**

- **18" Globe Cost: \$288 (assembled), \$188 (unassembled)**

- **Not perfect, but good enough??**

- **See flyer to order, or go to:**

<http://realworldglobes.com>

