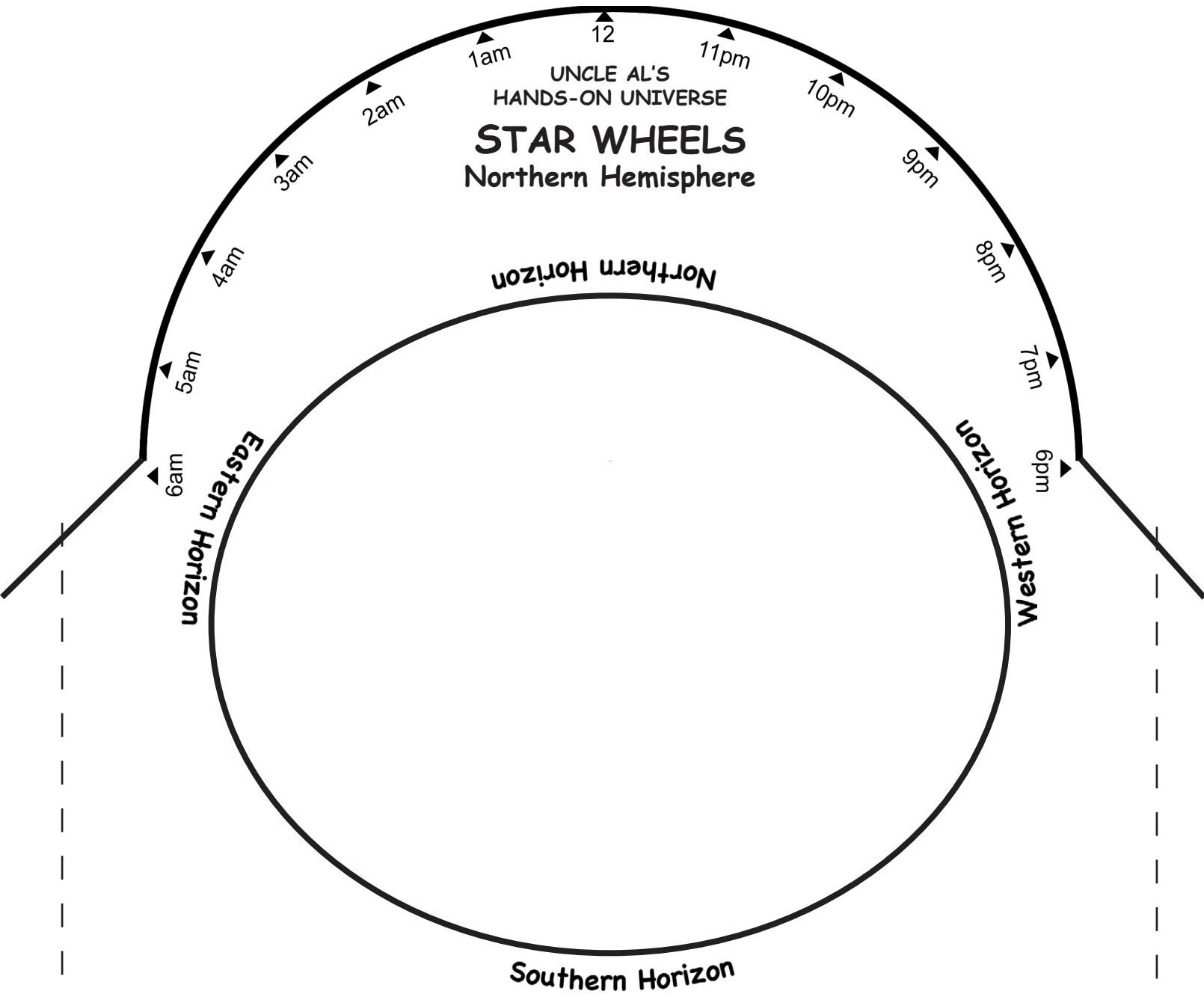


This packet contains the parts for making a planisphere-a device that shows where the stars are in the sky for the date and time shown.

Variations of this device have been in use for 2000 years.

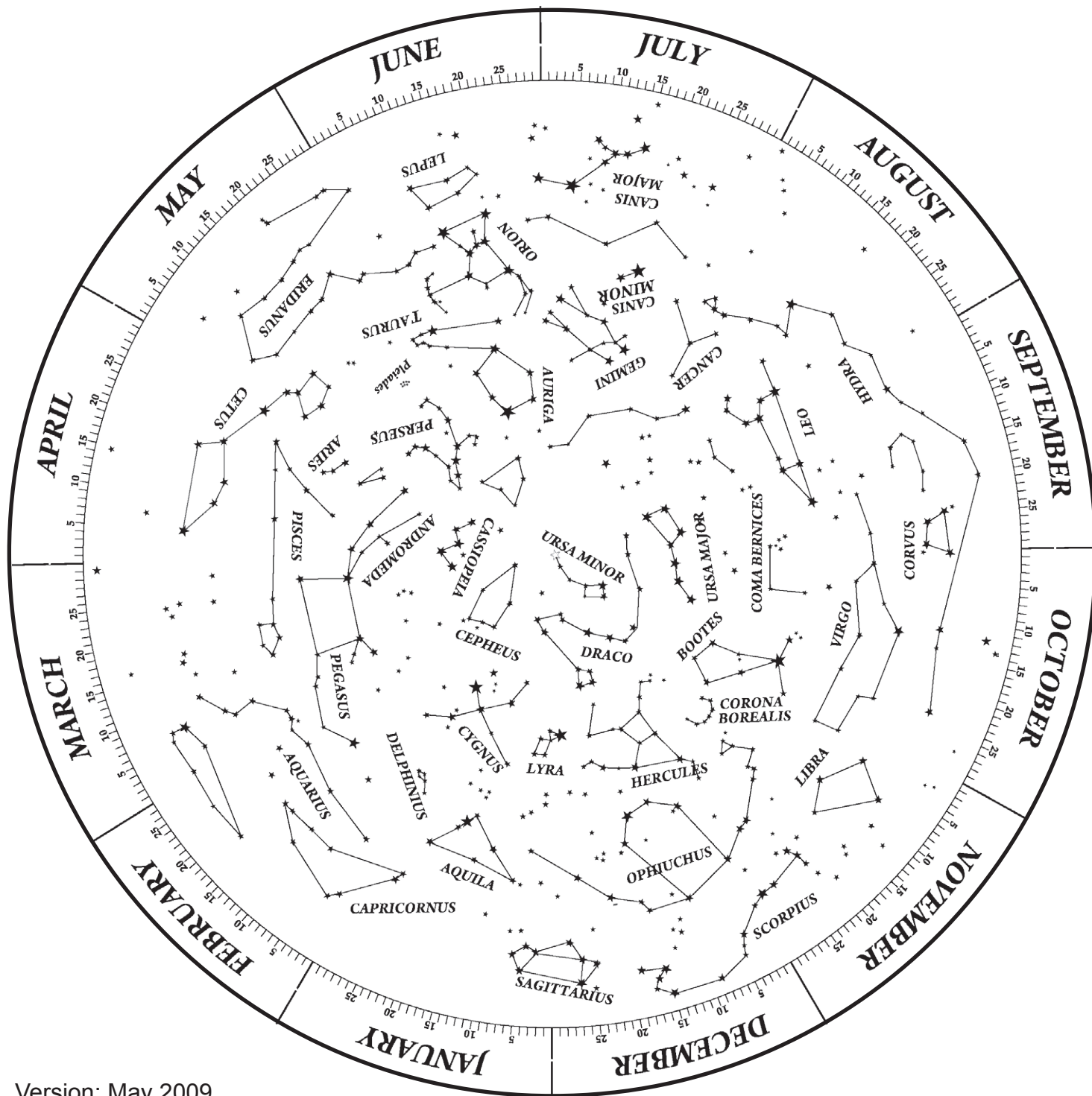


Instructions for Using Uncle Al's Star Wheels

1. Align your date and time, and then look up at the sky.
2. Locate the constellation you want to find on the map.
3. Turn your map so the horizon it is closest to is at the bottom.
4. The star positions in the sky should match those on the wheel.

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Uncle Al's Star Wheels are based on LHS Sky Challenges created by Budd Wentz and
available through LHS Museum Store
510-642-1016 <http://www.lhs.berkeley.edu/pass/ast110&111&121.html>
Download Uncle Al's Sky Wheels from <http://lhs.berkeley.edu/hou/img/uncleal>

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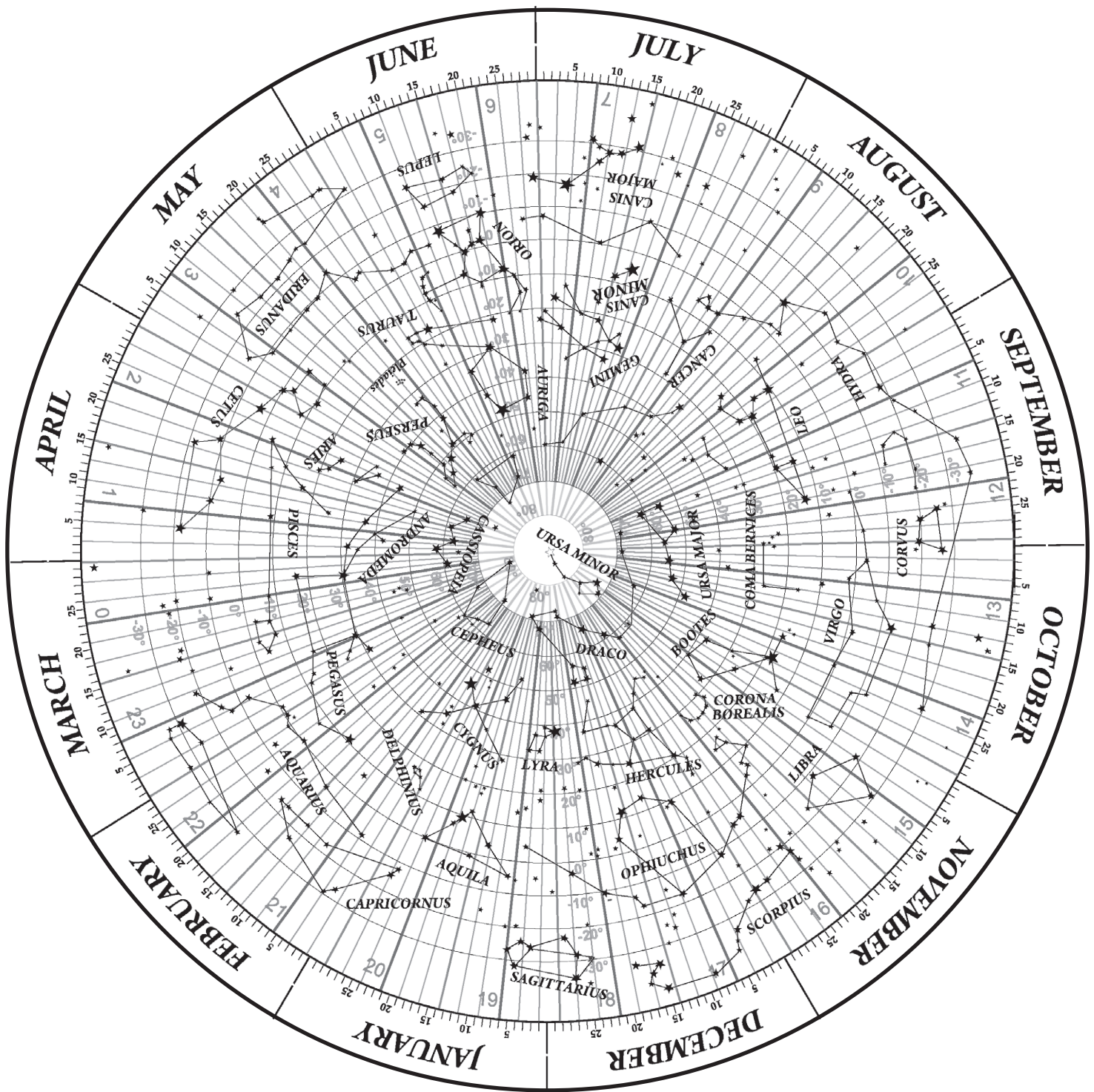


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INSTRUCTIONS FOR ASSEMBLING UNCLE AL'S STAR WHEELS

- Step 1: Print out all pages either on heavy cardstock or paste them onto a file folder or any other sturdy piece of cardboard.
- Step 2: Cut along the black outer circle of the Star Wheel and along the solid lines on the Star Wheel Holder. Remove the interior oval shape on the Star Wheel Holder.
- Step 3: On the Star Wheel Holder, fold the cardboard along the dashed lines.
- Step 4: Tape or staple along the edges of the Star Wheel Holder forming a pocket.
- Step 5: Place the Star Wheel in the Star Wheel Holder.

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 available through the LHS Discovery Corner Store 510-642-1016
<http://lhs.berkeley.edu/pass/AST110&111&121.html>
 Download Uncle Al's Sky Wheels from <http://lhs.berkeley.edu/starclock/skywheel.html>



Version: May 2009

Grid version of the star wheel may be used for plotting objects of interest (planets, comets, asteroids, deep sky objects. etc.) to make custom wheels.