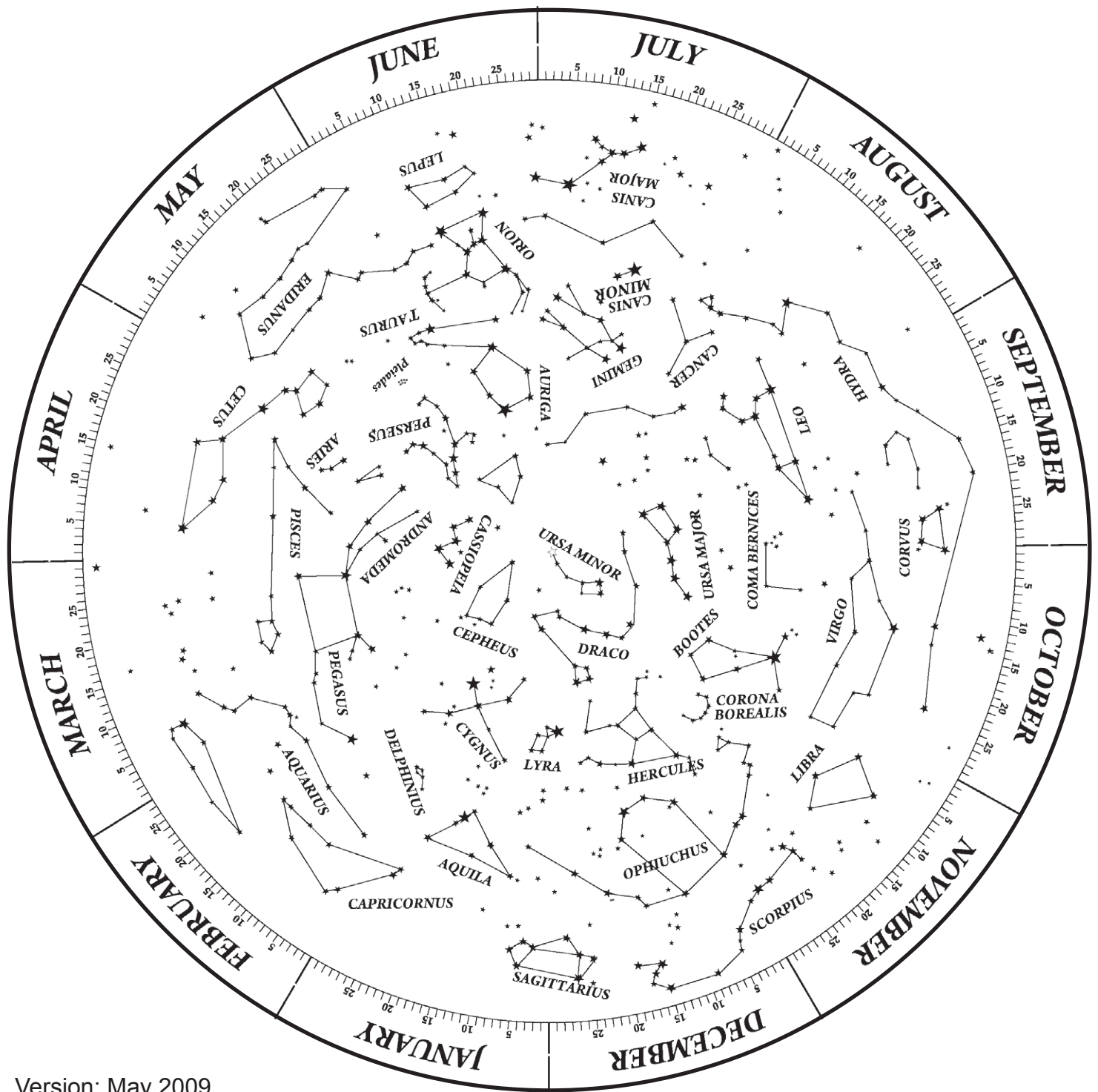


## Instructions for Using Uncle Al's Star Wheels

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.

© 2006, 2009 by the Regents of the University of California  
 Uncle Al's Star Wheels are based on LHS Sky Challenges created by Budd Wentz and  
 available through LHS Museum Store  
 510-642-1016  
 Download Uncle Al's Sky Wheels from  
<http://www.lawrencehallofscience.org/sites/default/files/pdfs/starwheels/NorthStarwheel.pdf>  
 Version: May 2009



Version: May 2009

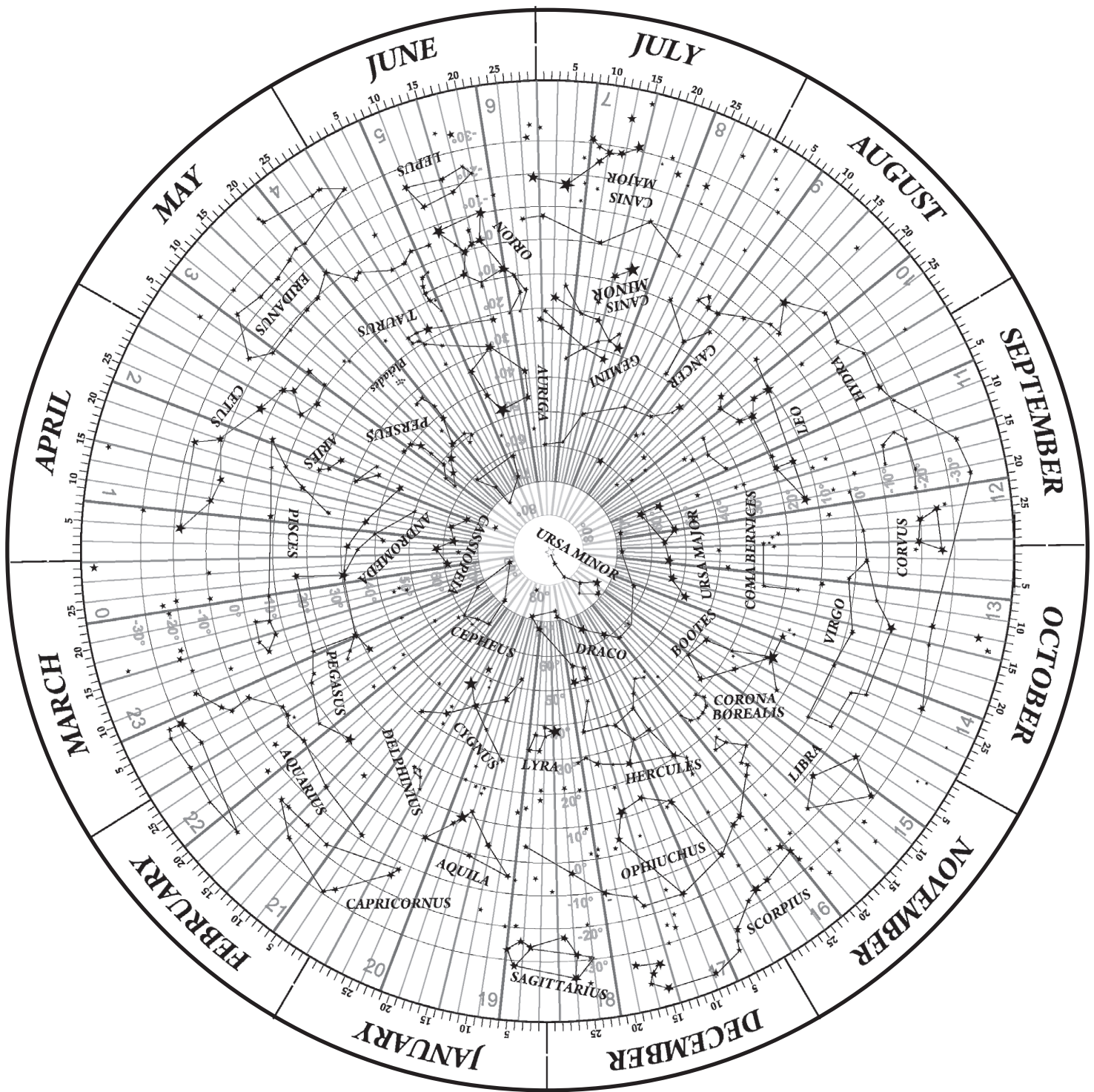
### INSTRUCTIONS FOR ASSEMBLING UNCLE AL'S STAR WHEELS

- 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.

© 2006, 2009 by the Regents of the University of California

Uncle Al's HOU Star Wheels are based on LHS Sky Challengers created by Budd Wentz and available through the LHS Discovery Corner Store 510-642-1016

Download Uncle Al's Sky Wheels from [http://www.lawrencehalloffscience.org/do\\_science\\_now/science\\_apps\\_and\\_activities/star\\_wheels](http://www.lawrencehalloffscience.org/do_science_now/science_apps_and_activities/star_wheels)



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.