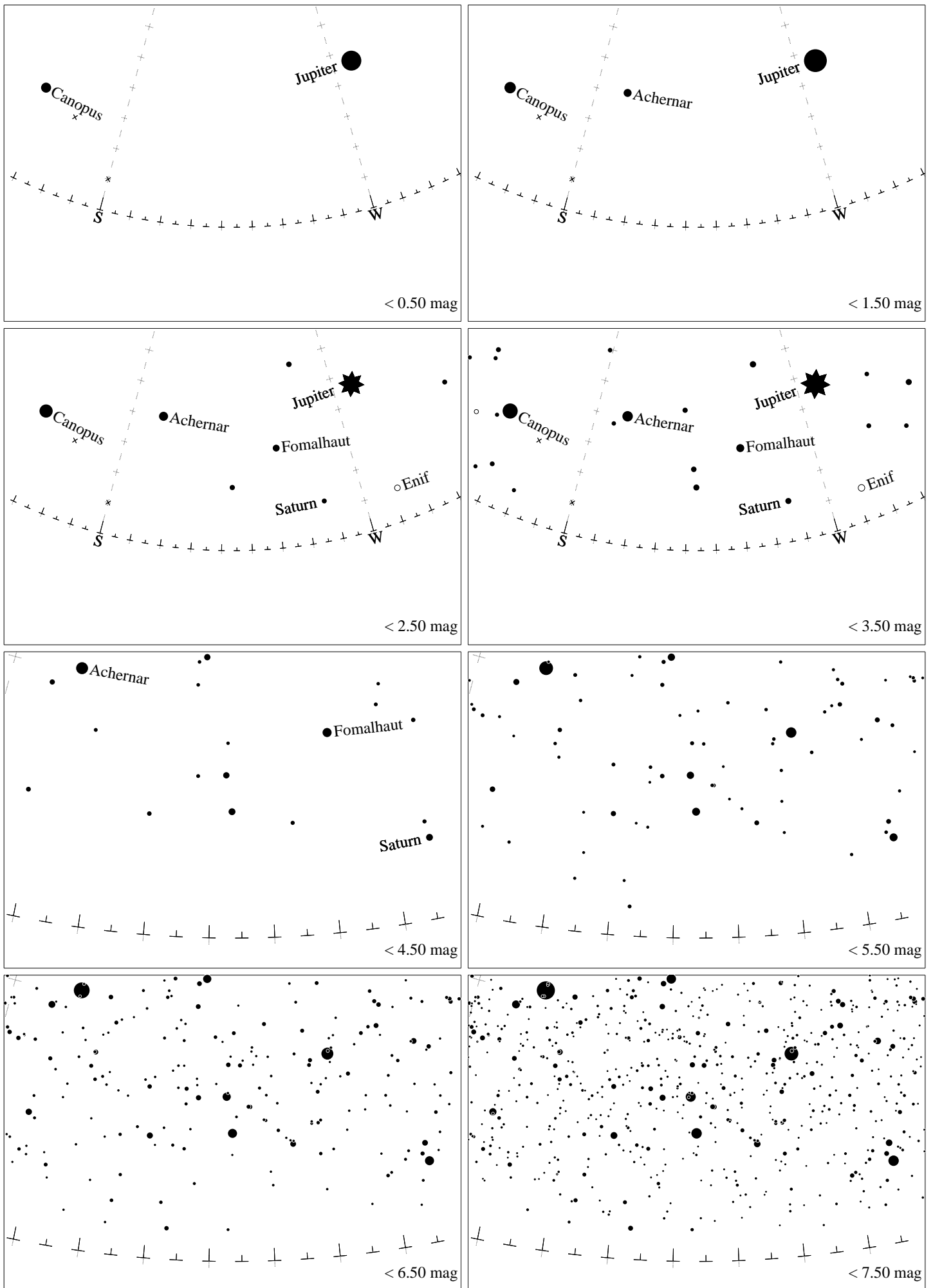
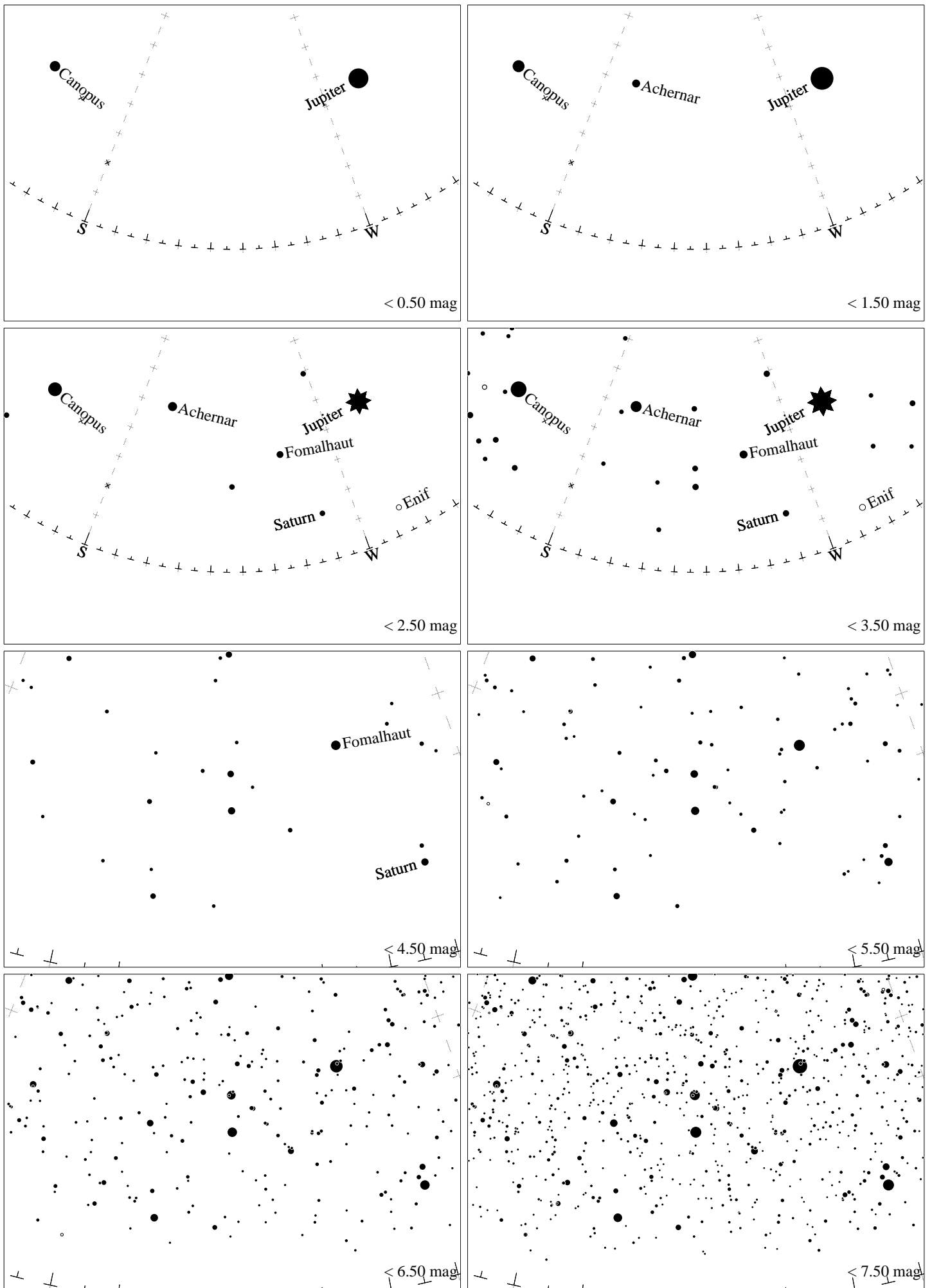


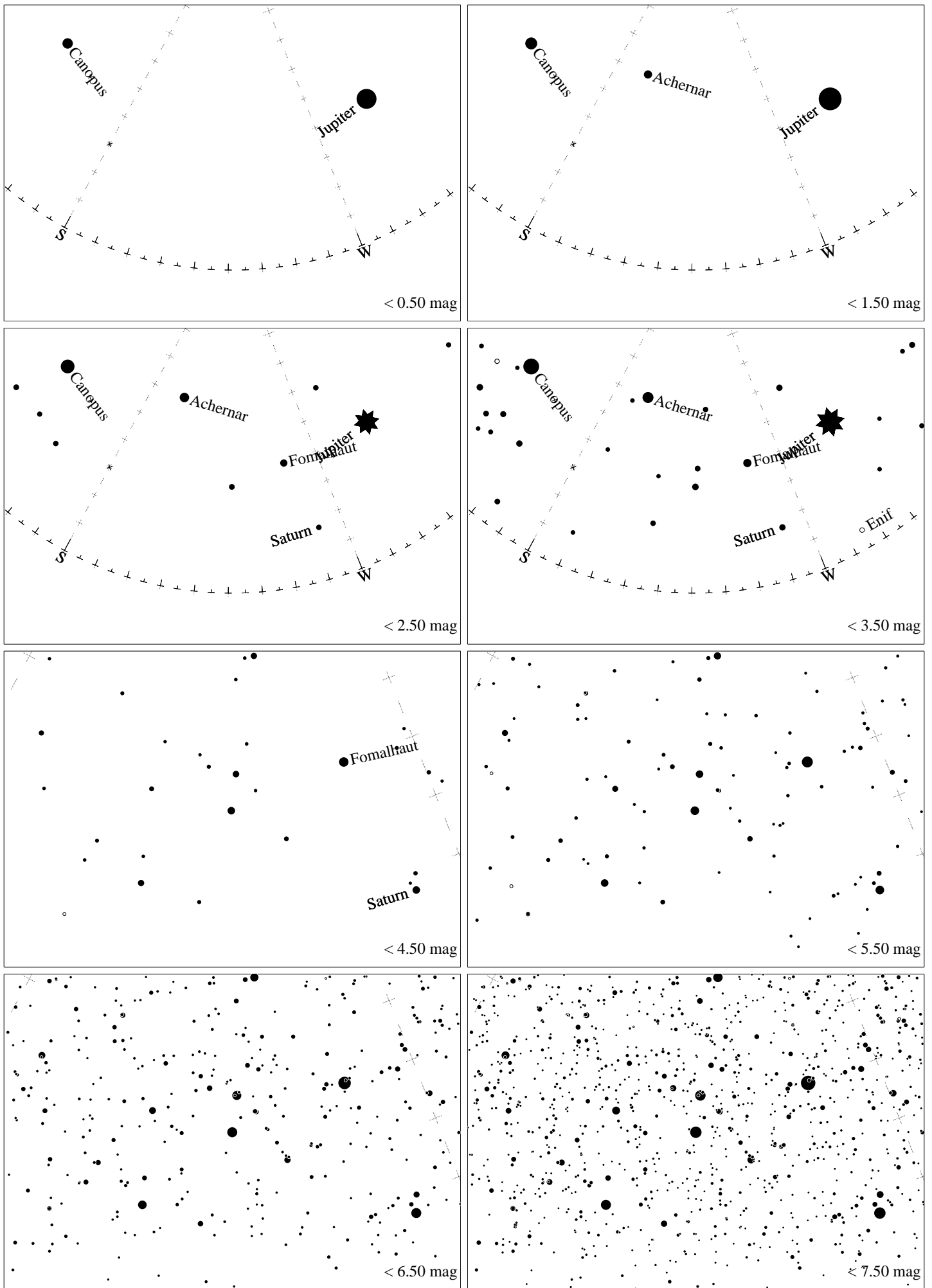
Maps for Globe at Night latitude  $0^\circ$ , 2022-12-19, 21 h local time (Sun at  $-41^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $42^\circ$  to the right from S, at  $13^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



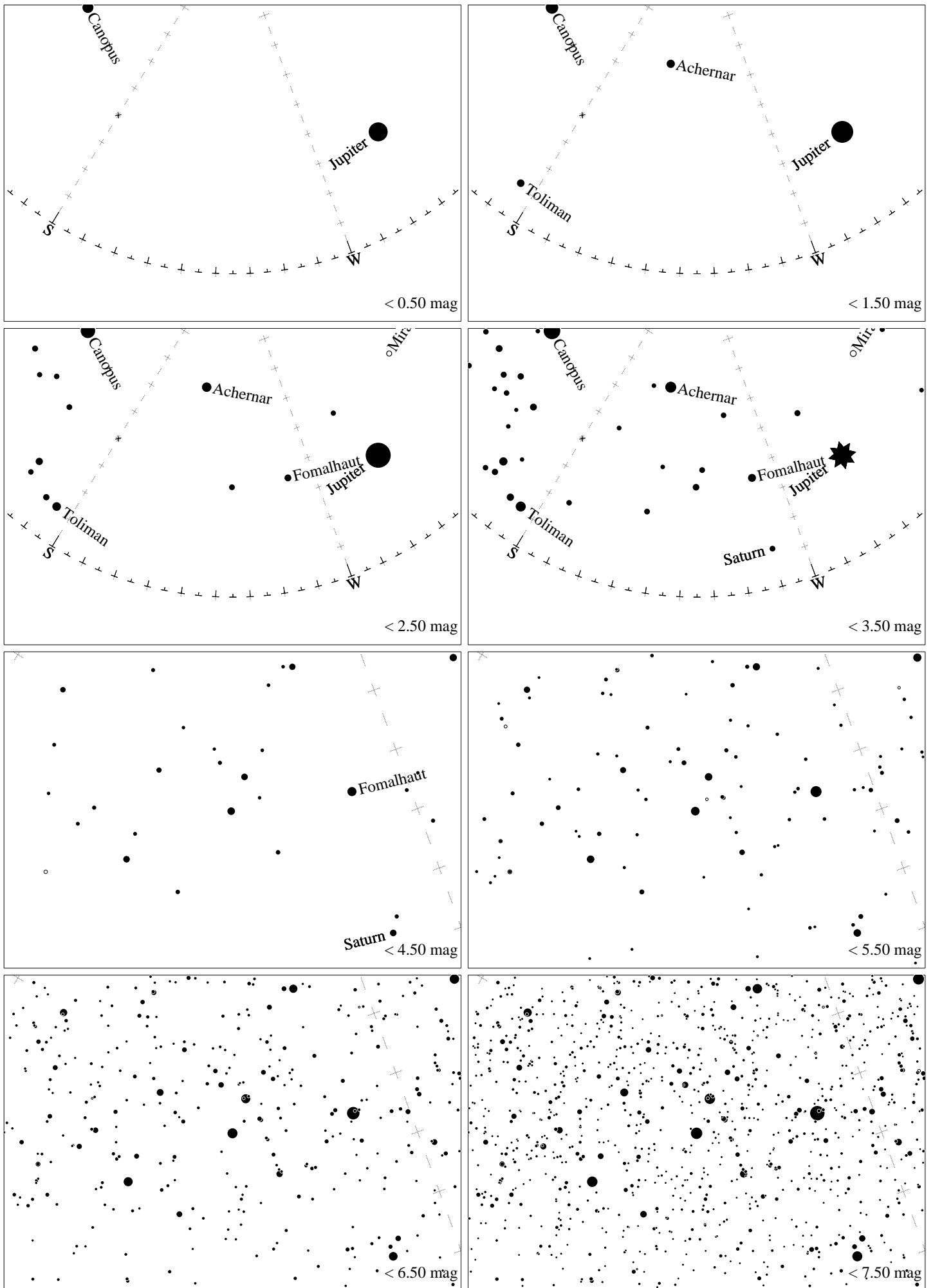
Maps for Globe at Night latitude  $-10^\circ$ , 2022-12-19, 21 h local time (Sun at  $-35^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $44^\circ$  to the right from S, at  $20^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



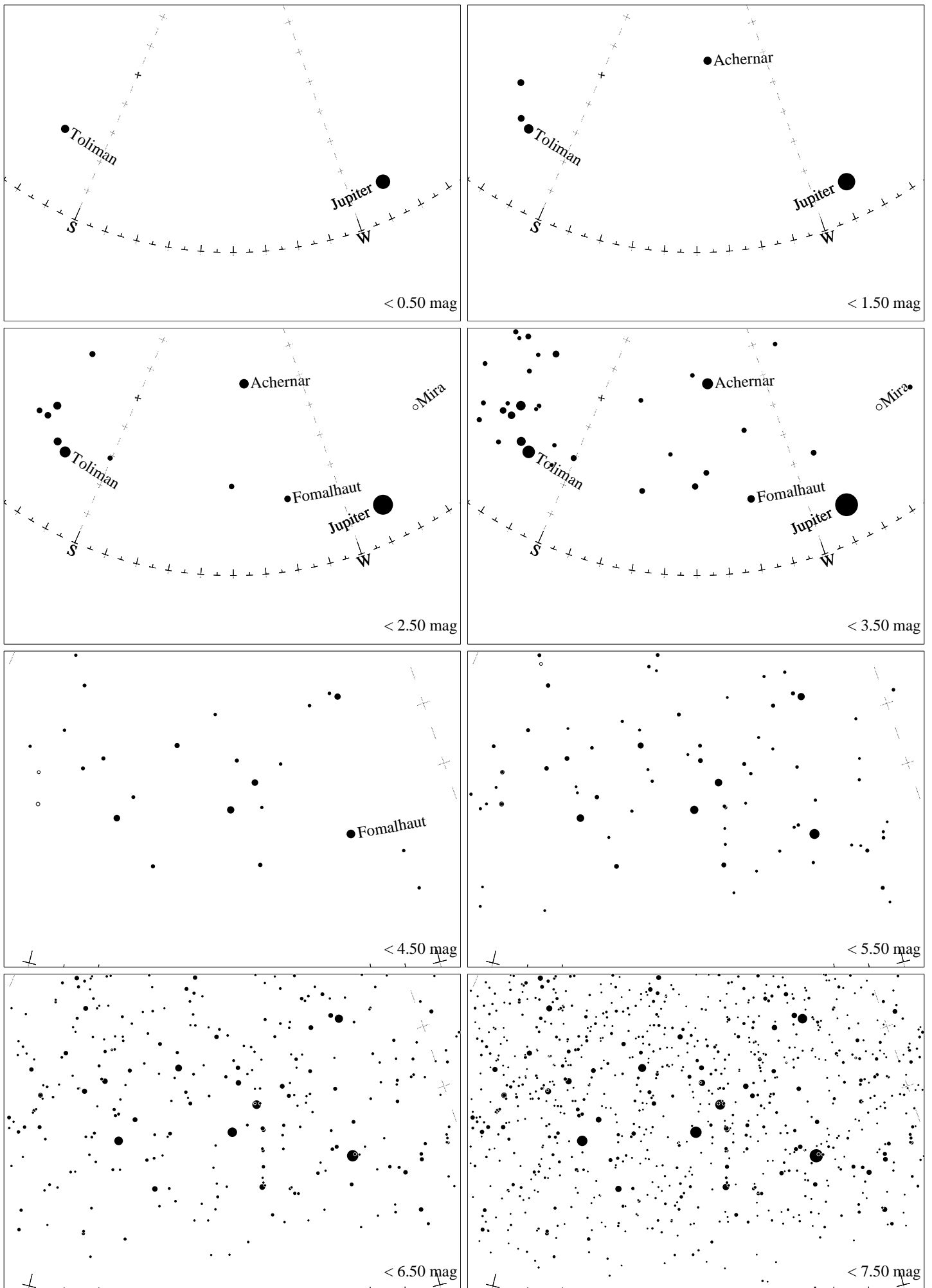
Maps for Globe at Night latitude  $-20^\circ$ , 2022-12-19, 21 h local time (Sun at  $-29^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $47^\circ$  to the right from S, at  $27^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night latitude  $-30^\circ$ , 2022-12-19, 21 h local time (Sun at  $-22^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $51^\circ$  to the right from S, at  $34^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night latitude  $-40^\circ$ , 2022-12-19, 21:30 local time (Sun at  $-18^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $55^\circ$  to the right from S, at  $35^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night latitude  $-50^\circ$ , 2022-12-19, 23 h local time (Sun at  $-16^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $50^\circ$  to the right from S, at  $28^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*