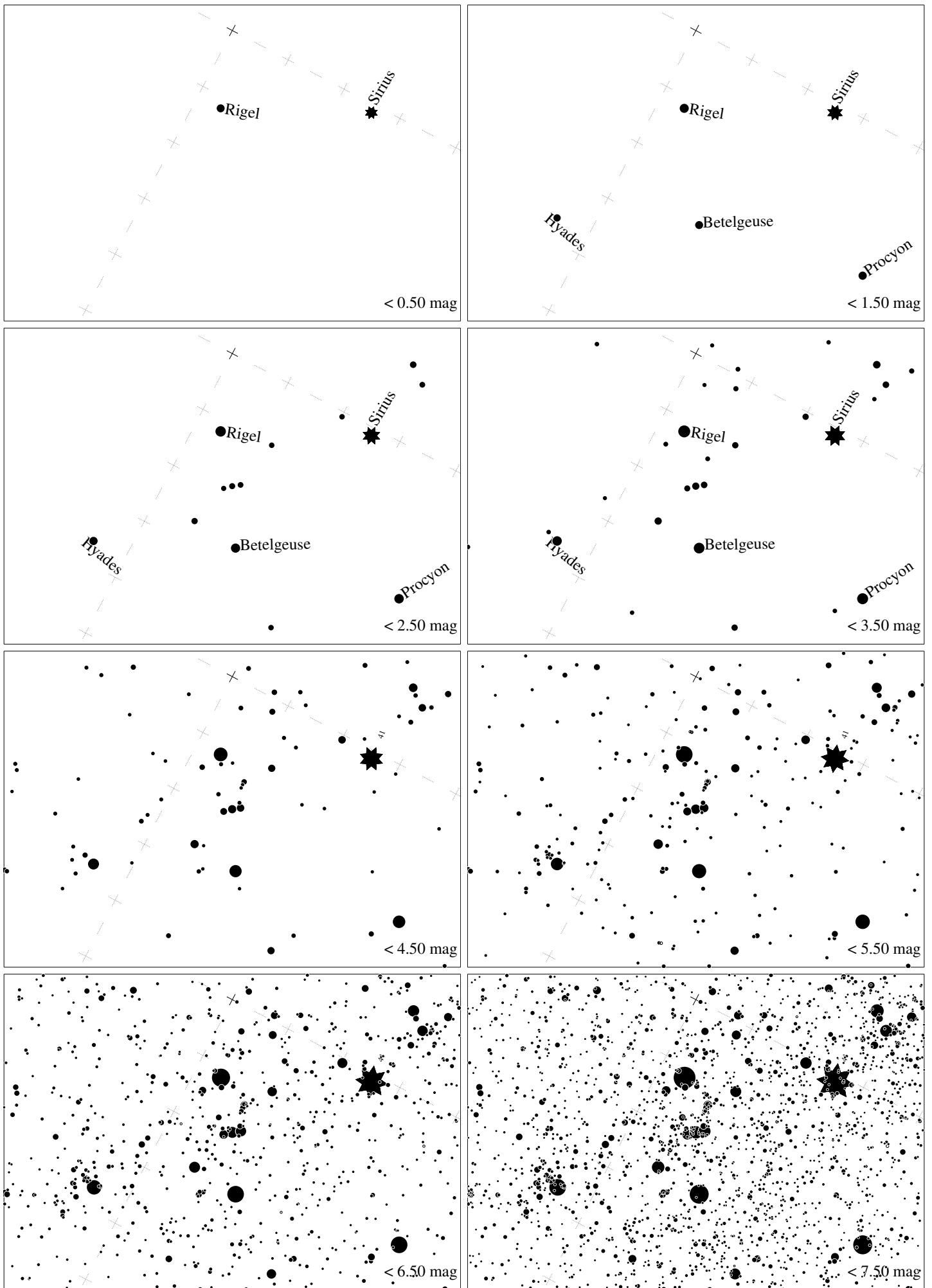
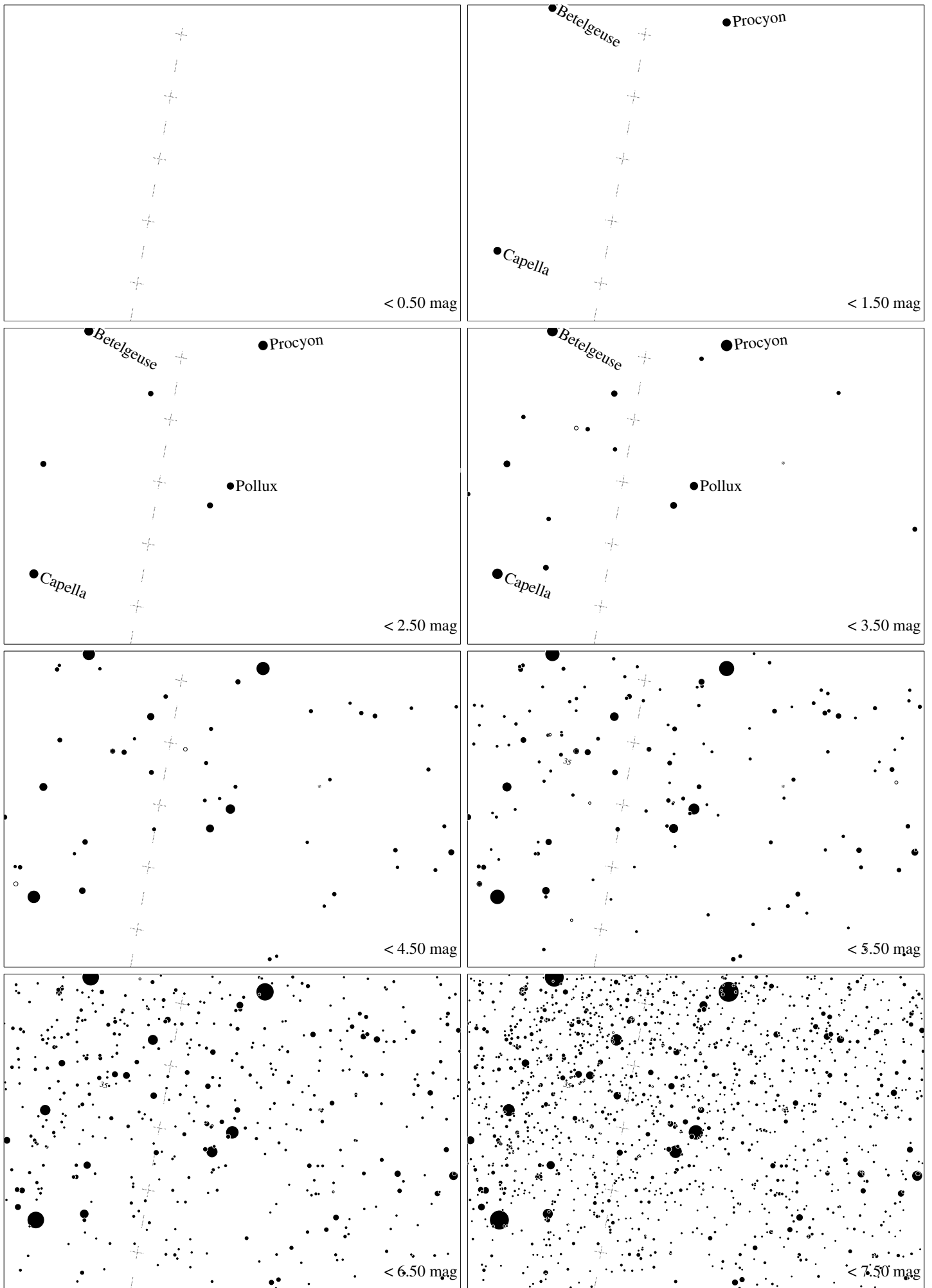


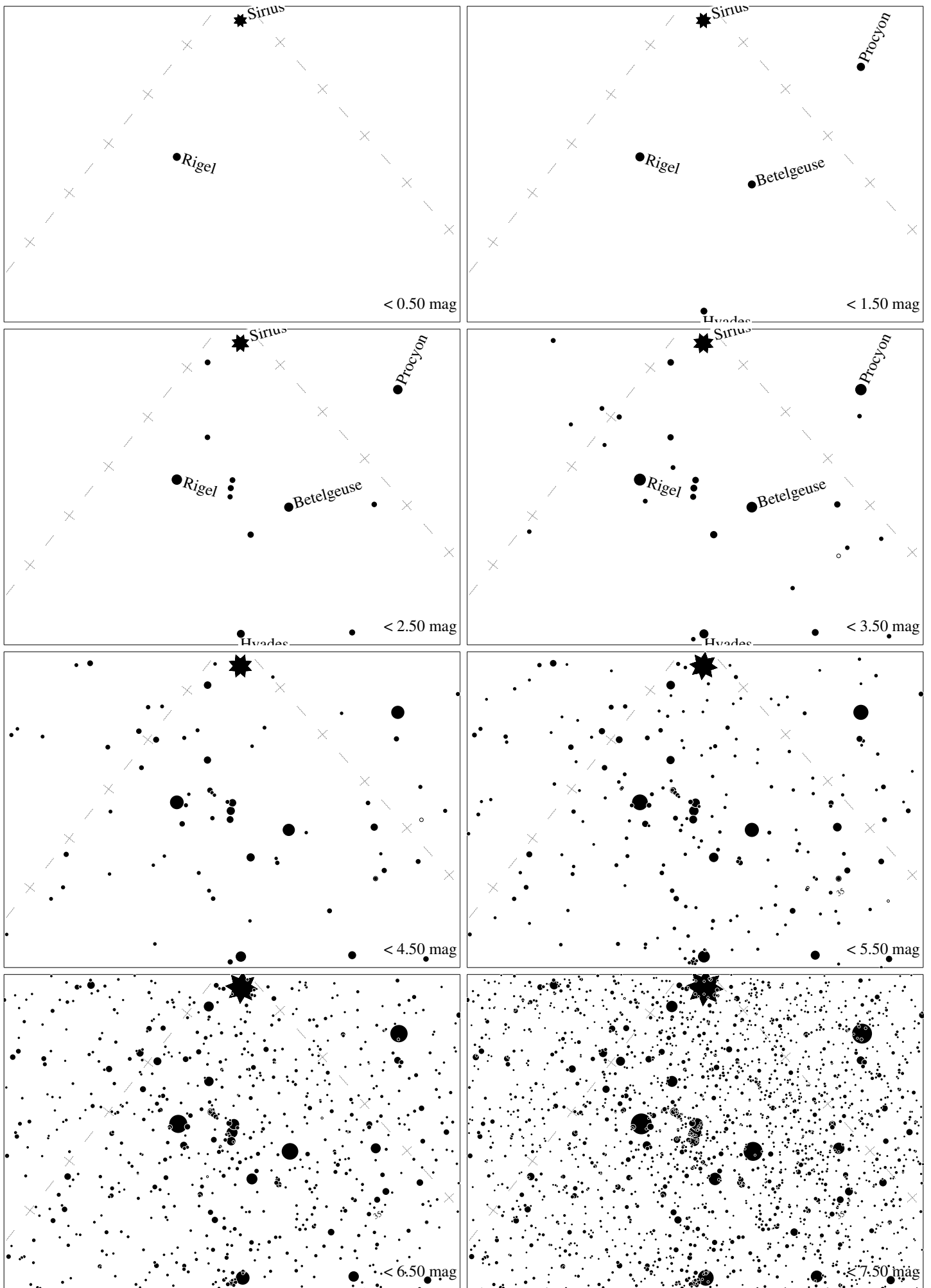
Maps for Globe at Night at latitude  $-20^\circ$ , 2020-01-20, 21 h local time (Sun at  $-28^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). The brightest fixed star Sirius is  $87^\circ$  to the right from N, at  $64^\circ$  height. Star cluster M 41 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night at latitude  $-20^\circ$ , 2020-01-20, 21 h local time (Sun at  $-28^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Orion's belt is  $28^\circ$  to the right from N, at  $69^\circ$  height. Star clusters M 41 and M35 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan maps, CzechGlobe*

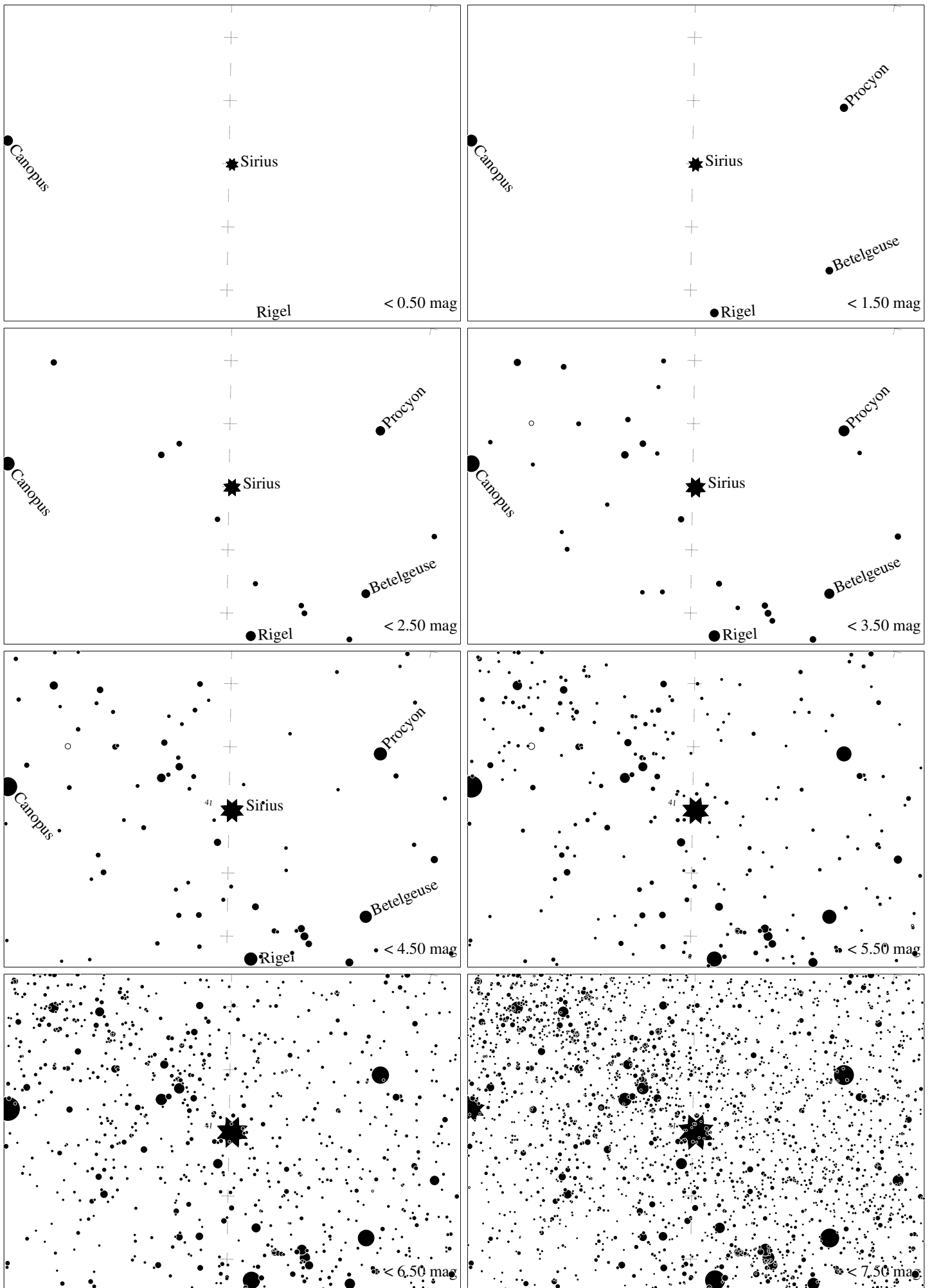


Maps for Globe at Night at latitude  $-20^\circ$ , 2020-02-18, 21 h local time (Sun at  $-33^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Pollux is  $16^\circ$  to the right from N, at  $40^\circ$  height. Star cluster M35 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan maps, CzechGlobe*

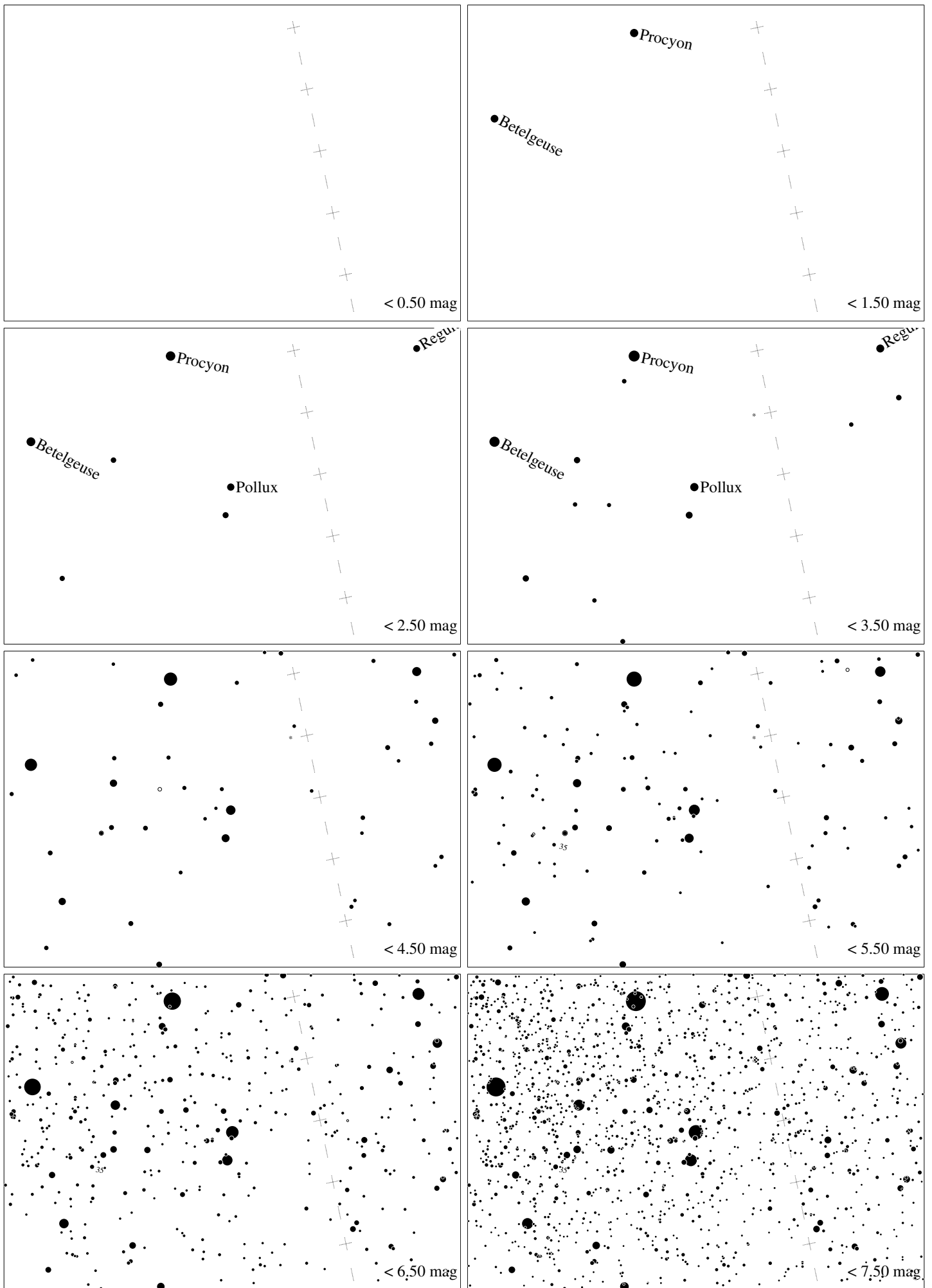


Maps for Globe at Night at latitude  $-20^\circ$ , 2020-02-18, 21 h local time (Sun at  $-33^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Orion's belt is  $47^\circ$  to the left from N, at  $64^\circ$  height. Star clusters M 41 and M35 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan maps, CzechGlobe*

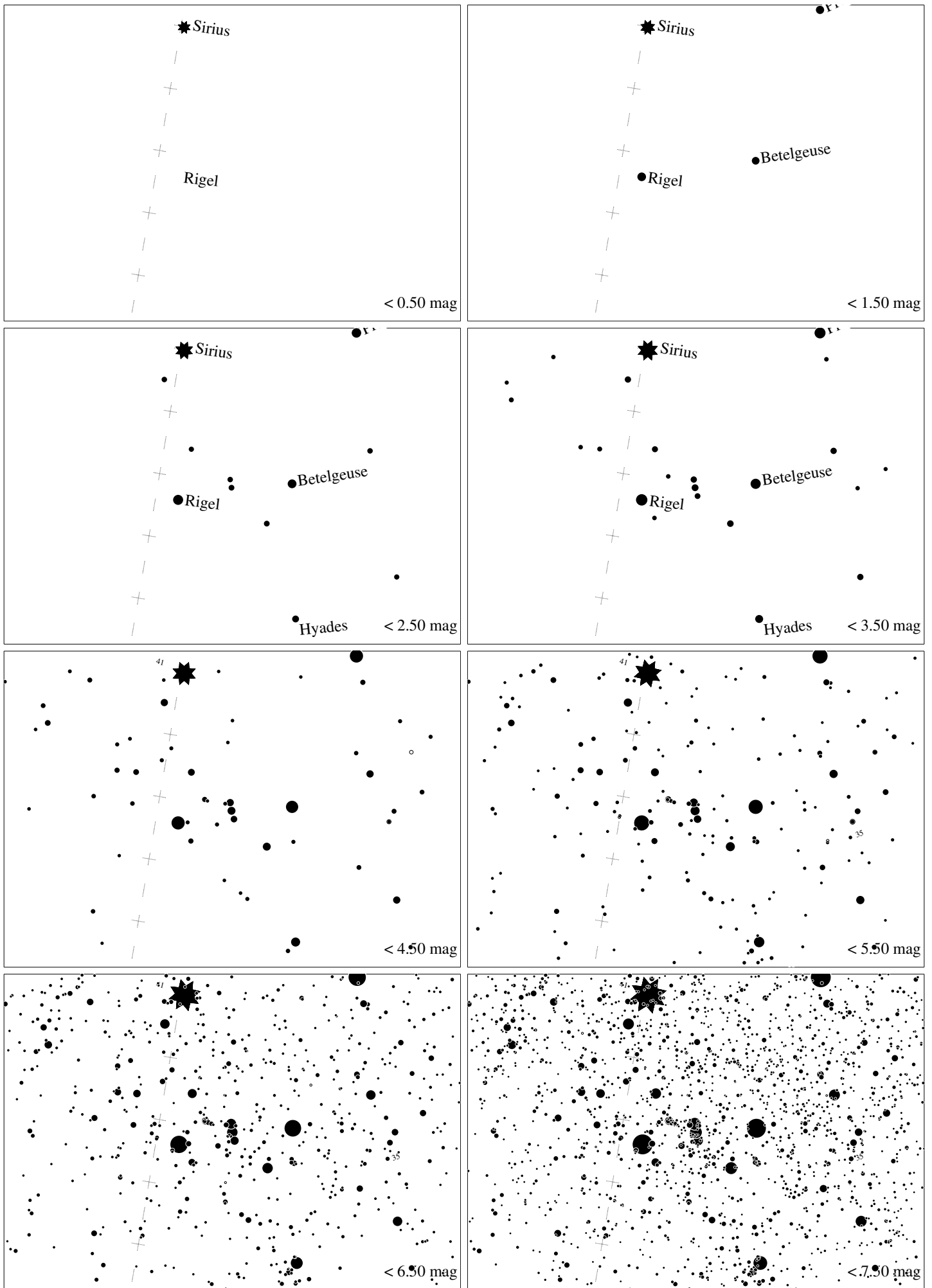




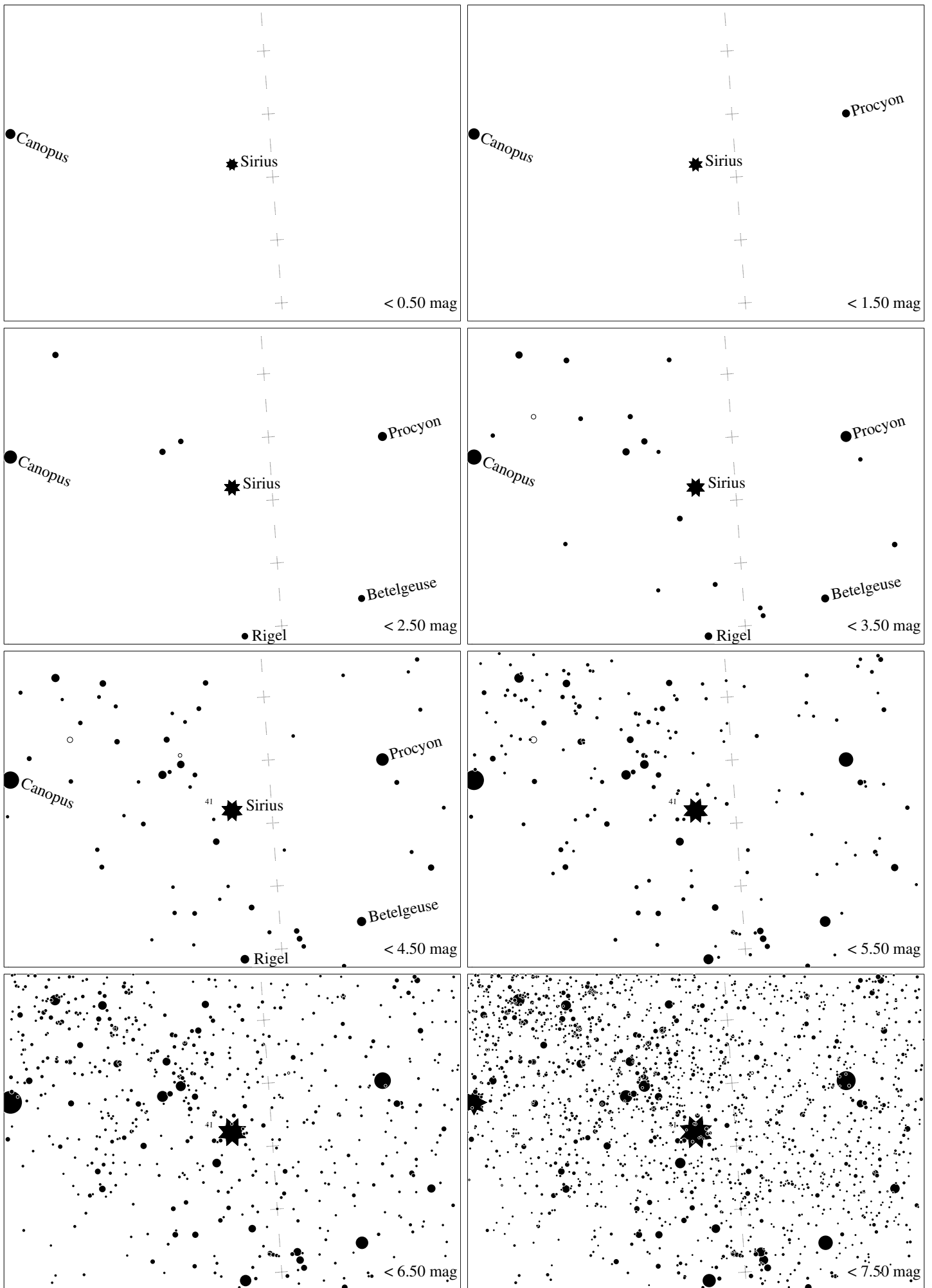
Maps for Globe at Night at latitude  $-20^\circ$ , 2020-03-19, 21 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). The brightest fixed star Sirius is  $89^\circ$  to the left from N, at  $60^\circ$  height. Star cluster M 41 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan, CzechGlobe*



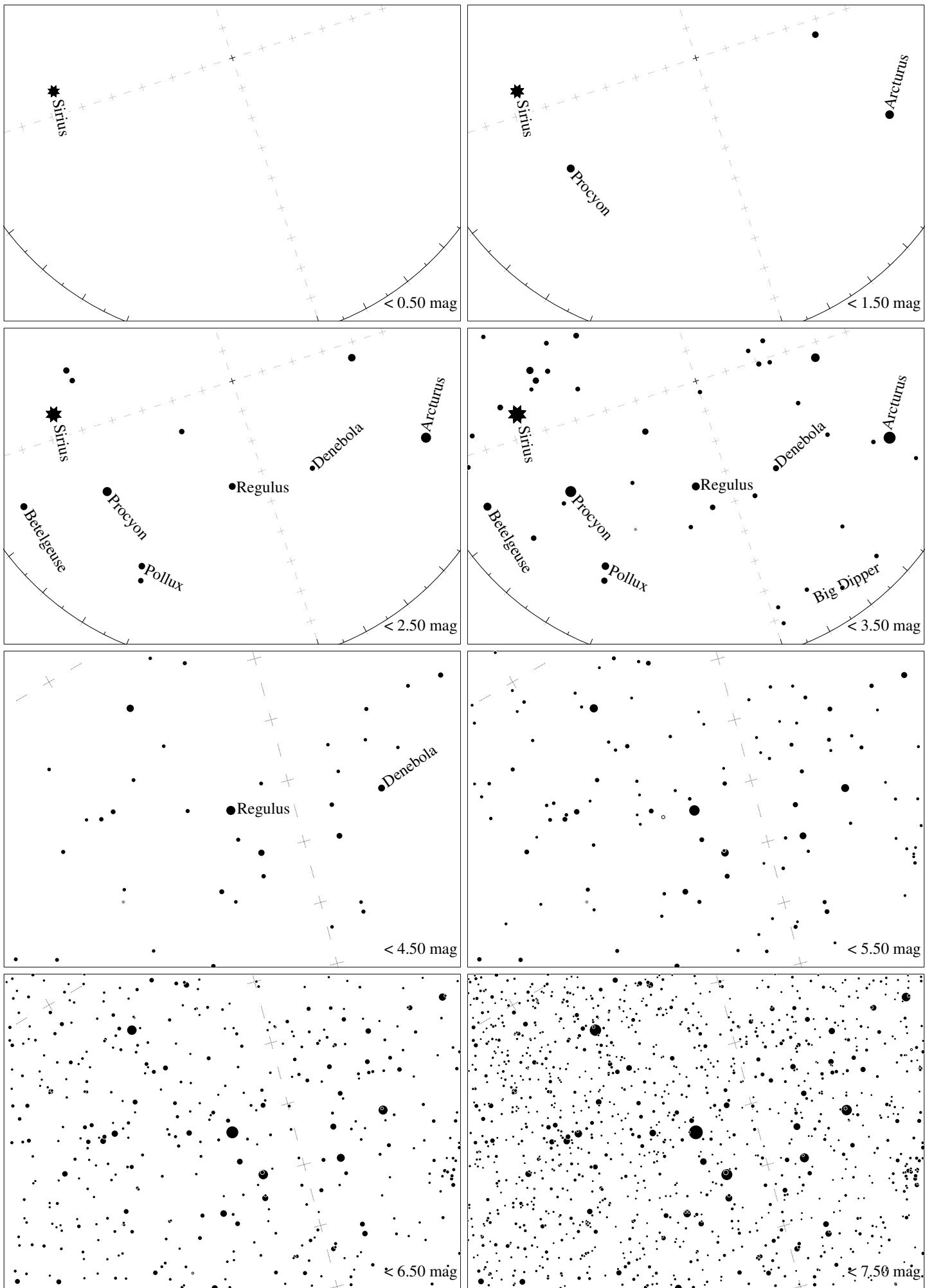
Maps for Globe at Night at latitude  $-20^\circ$ , 2020-03-19, 21 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Pollux is  $19^\circ$  to the left from N, at  $40^\circ$  height. Star cluster M35 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan maps, CzechGlobe*



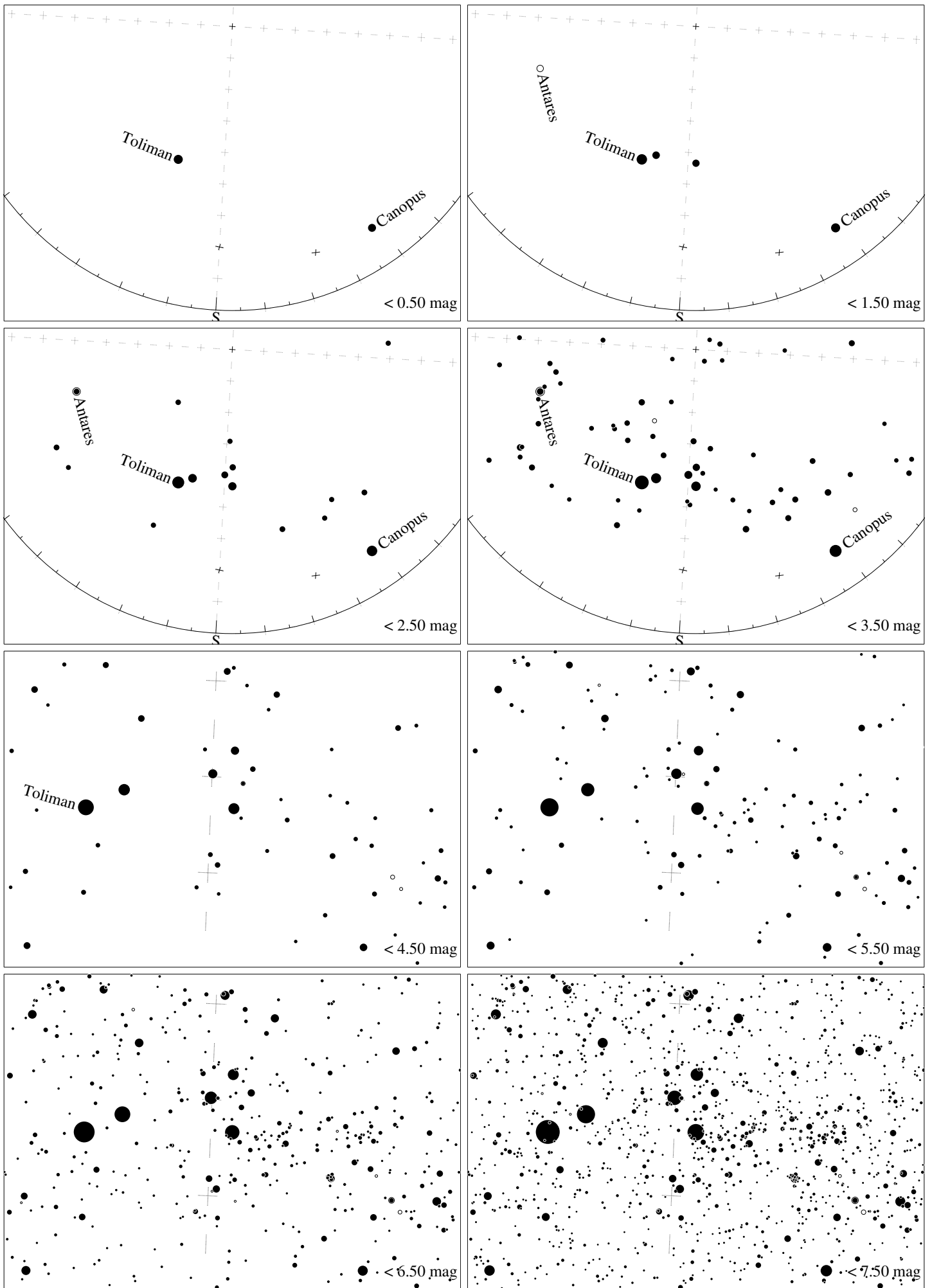
Maps for Globe at Night at latitude  $-20^\circ$ , 2020-03-19, 21 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Orion's belt is  $75^\circ$  to the left from N, at  $39^\circ$  height. Star clusters M 41 and M35 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan maps, CzechGlobe*



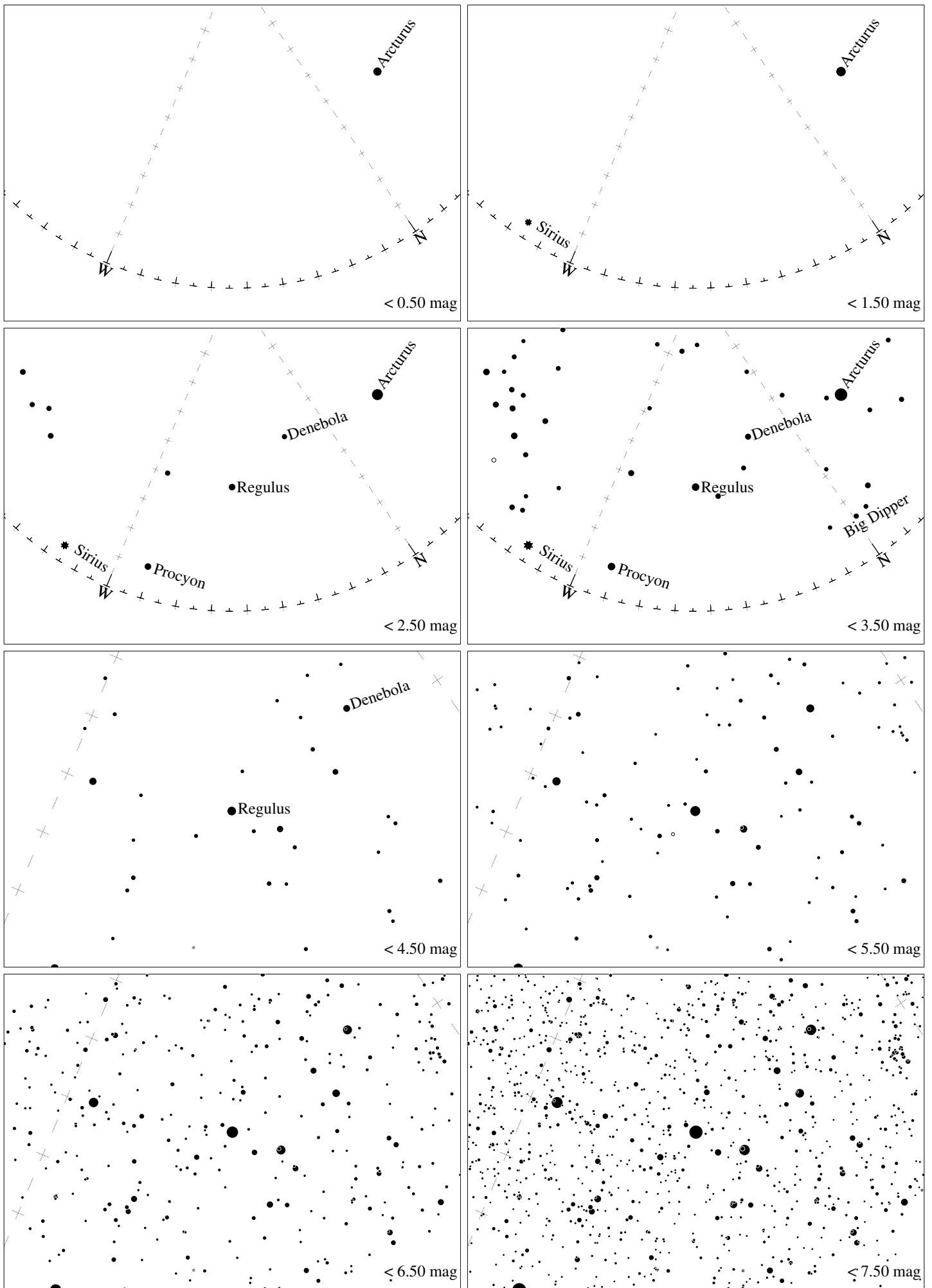
Maps for Globe at Night at latitude  $-20^\circ$ , 2020-04-18, 21 h local time (Sun at  $-46^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). The brightest fixed star Sirius is  $82^\circ$  to the right from S, at  $32^\circ$  height. Star cluster M 41 marked when appropriate. Map vertical size is  $50^\circ$ . *Jan Hollan, CzechGlobe*



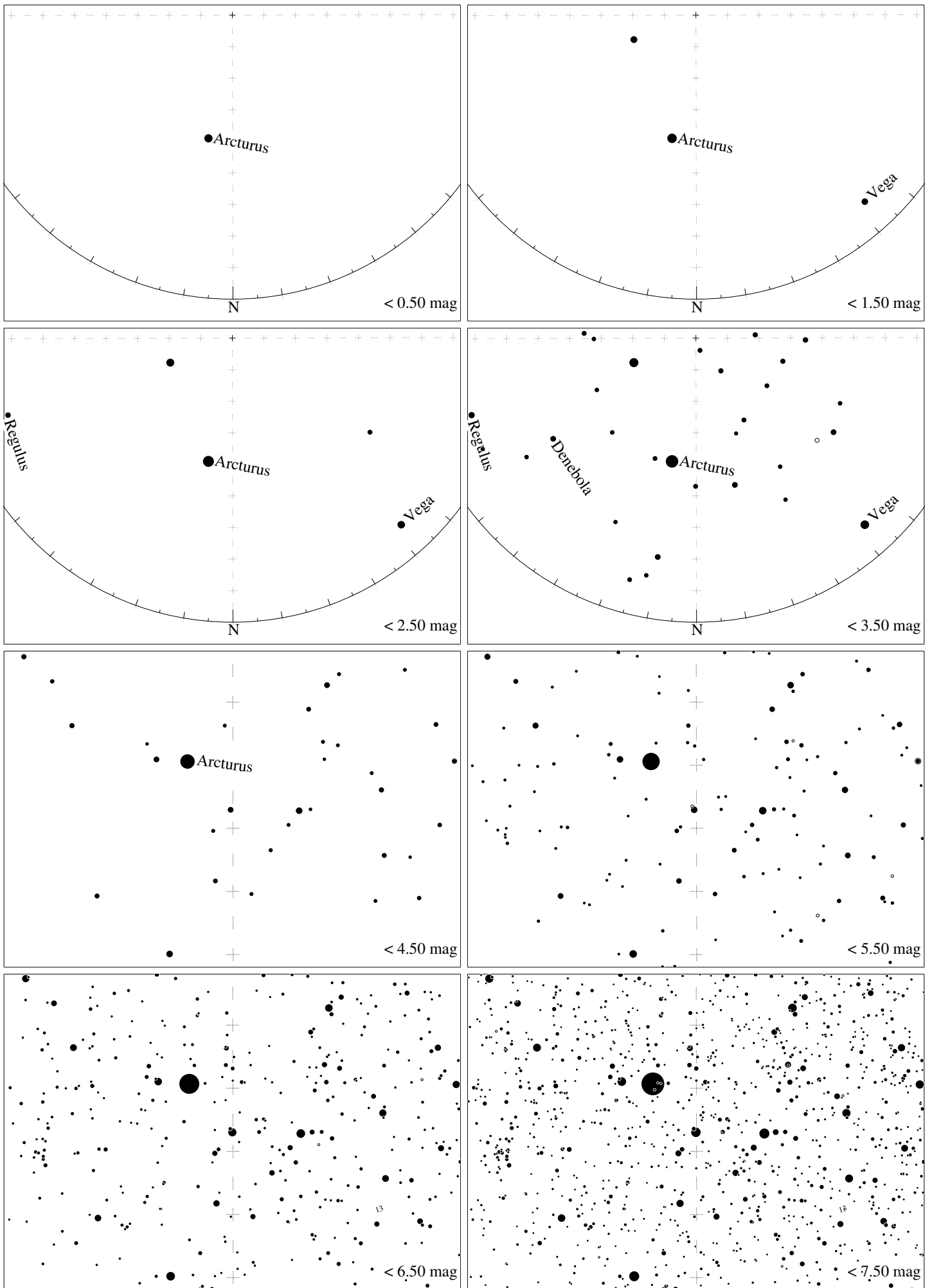
Maps for Globe at Night at latitude  $-20^\circ$ , 2020-04-18, 21 h local time (Sun at  $-46^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Regulus ( $\alpha$  Leonis) is  $18^\circ$  to the left from N, at  $57^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan maps, CzechGlobe*



Maps for Globe at Night latitude  $-20^\circ$ , 2020-05-18, 21 h local time (Sun at  $-49^\circ$ ), transparent air. The brightest star is Toliman ( $\alpha$  Centauri). Central star Acrux (the brightest one in the Cross) is  $3^\circ$  left from the south, at  $47^\circ$  height. Detailed maps  $33^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*

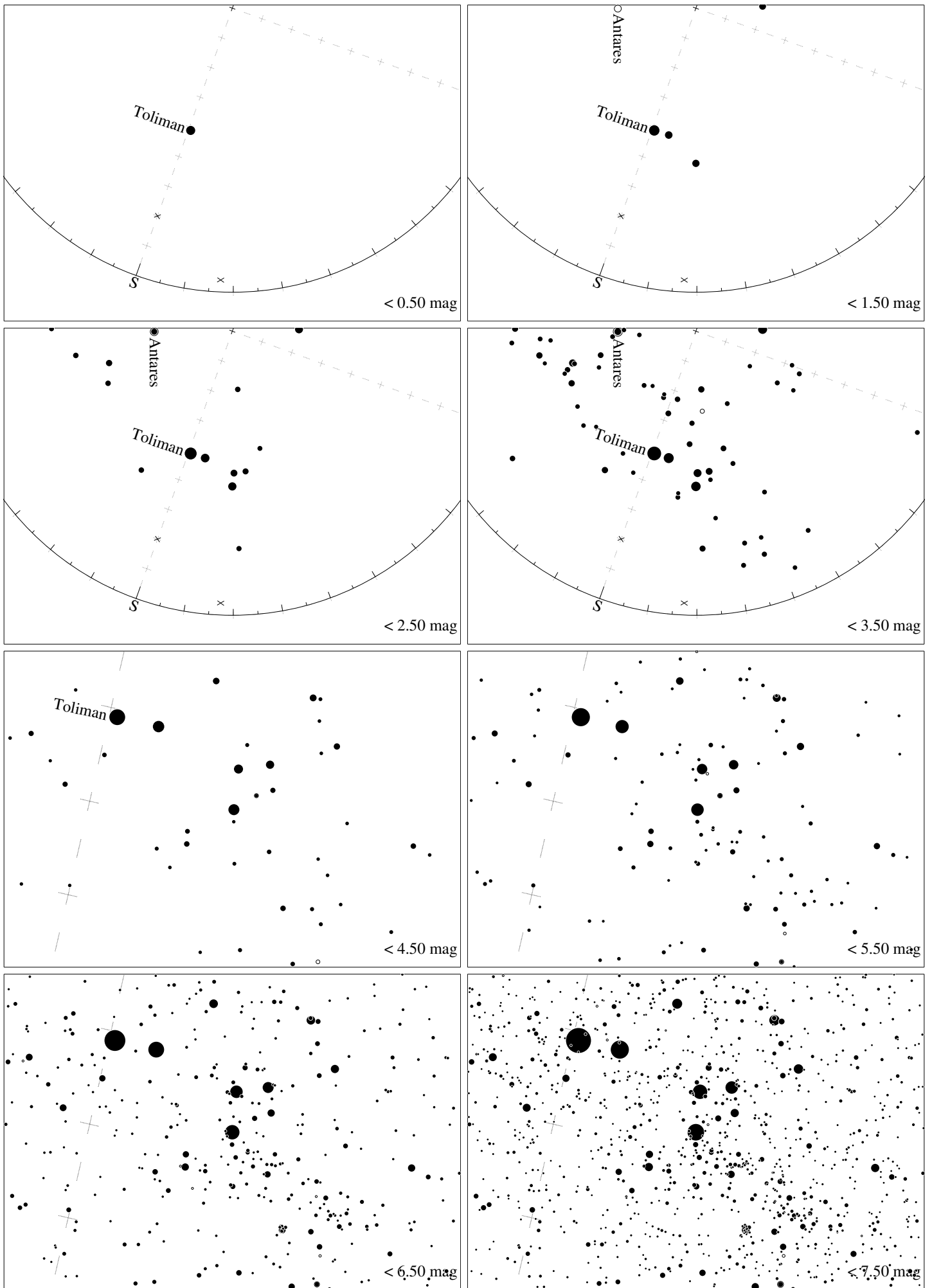


Maps for Globe at Night at latitude  $-20^\circ$ , 2020-05-18, 21 h local time (Sun at  $-49^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Regulus ( $\alpha$  Leonis) is  $54^\circ$  to the left from N, at  $40^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan maps, CzechGlobe*

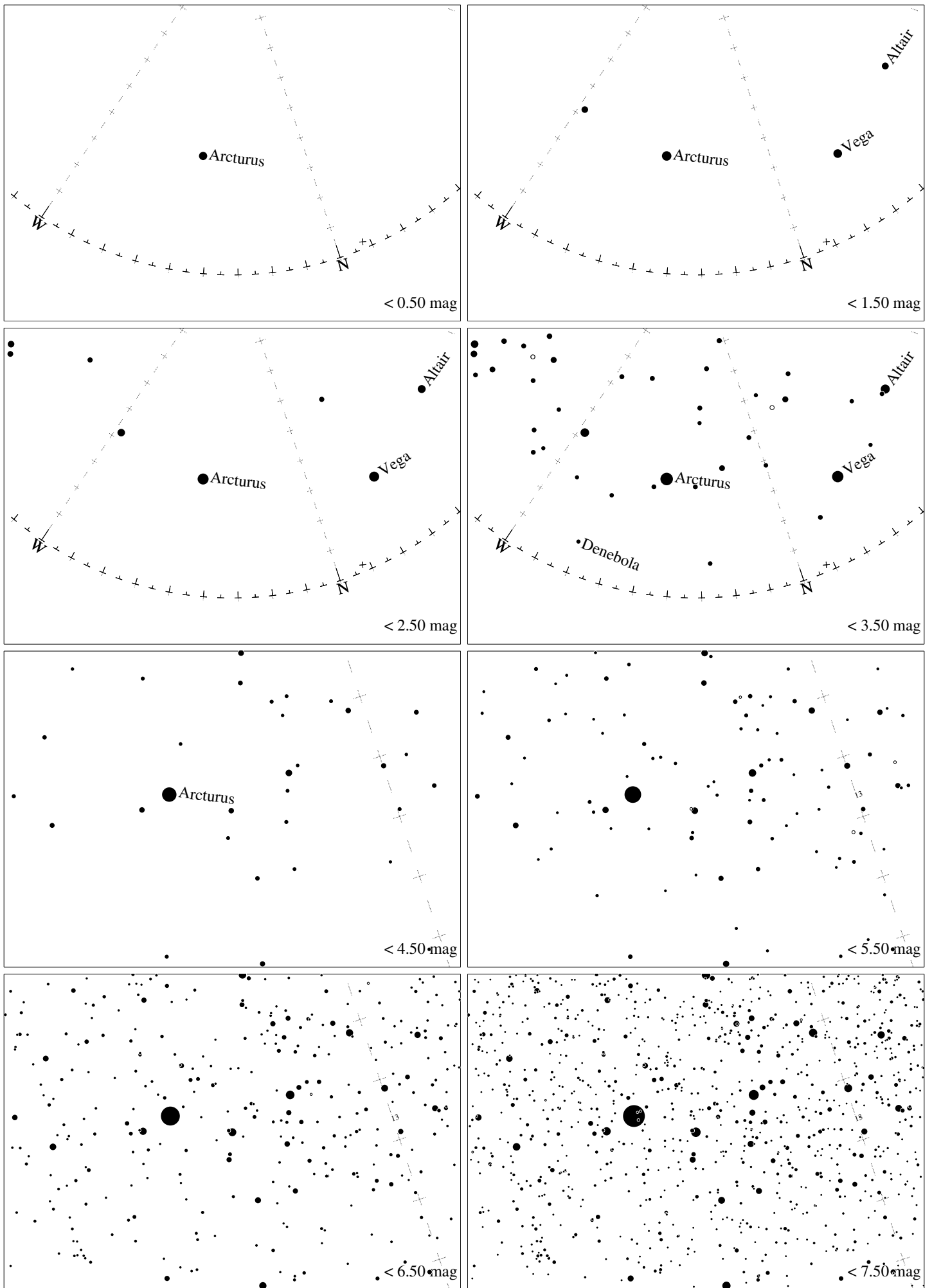


Maps for Globe at Night latitude  $-20^\circ$ , 2020-06-17, 21 h local time (Sun at  $-48^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Izar ( $\epsilon$  Bootis), which is  $0^\circ$  to the left from N, at  $43^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*

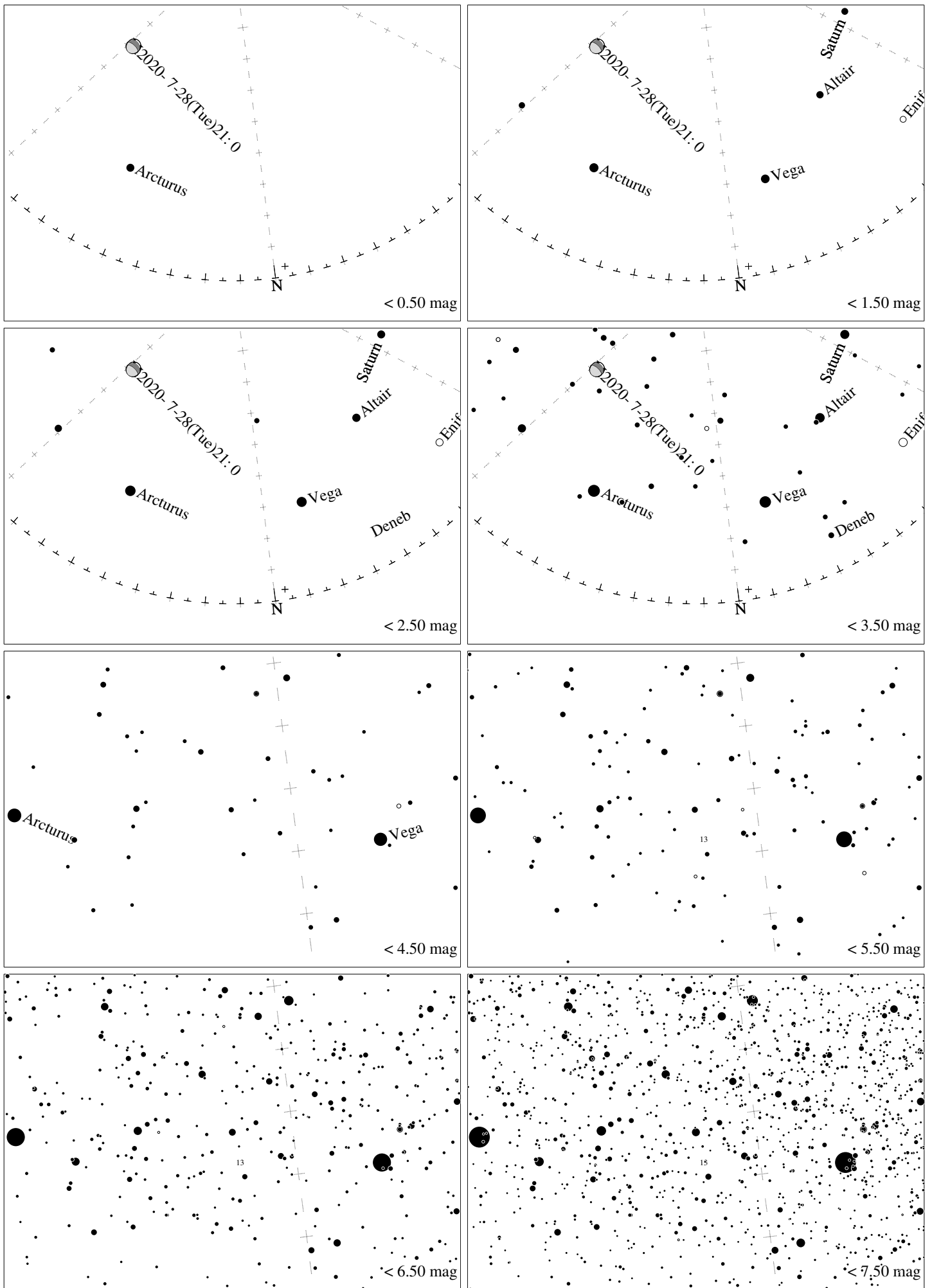




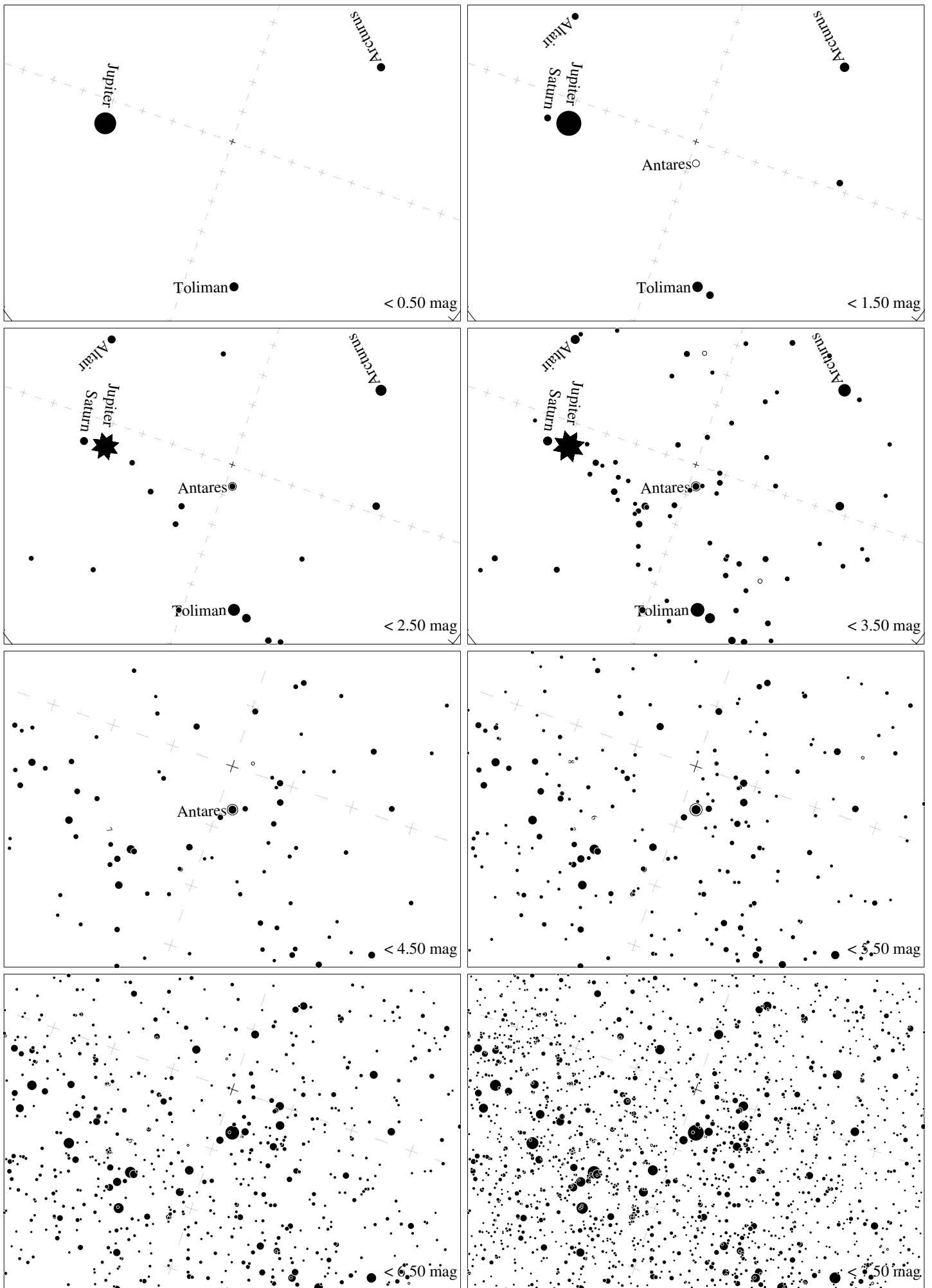
Maps for Globe at Night latitude  $-20^\circ$ , 2020-06-17, 21 h local time (Sun at  $-48^\circ$ ), transparent air. The brightest star is Toliman ( $\alpha$  Centauri). Central star Acrux (the brightest one in the Cross) is  $20^\circ$  left from the south, at  $41^\circ$  height. Detailed maps  $33^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



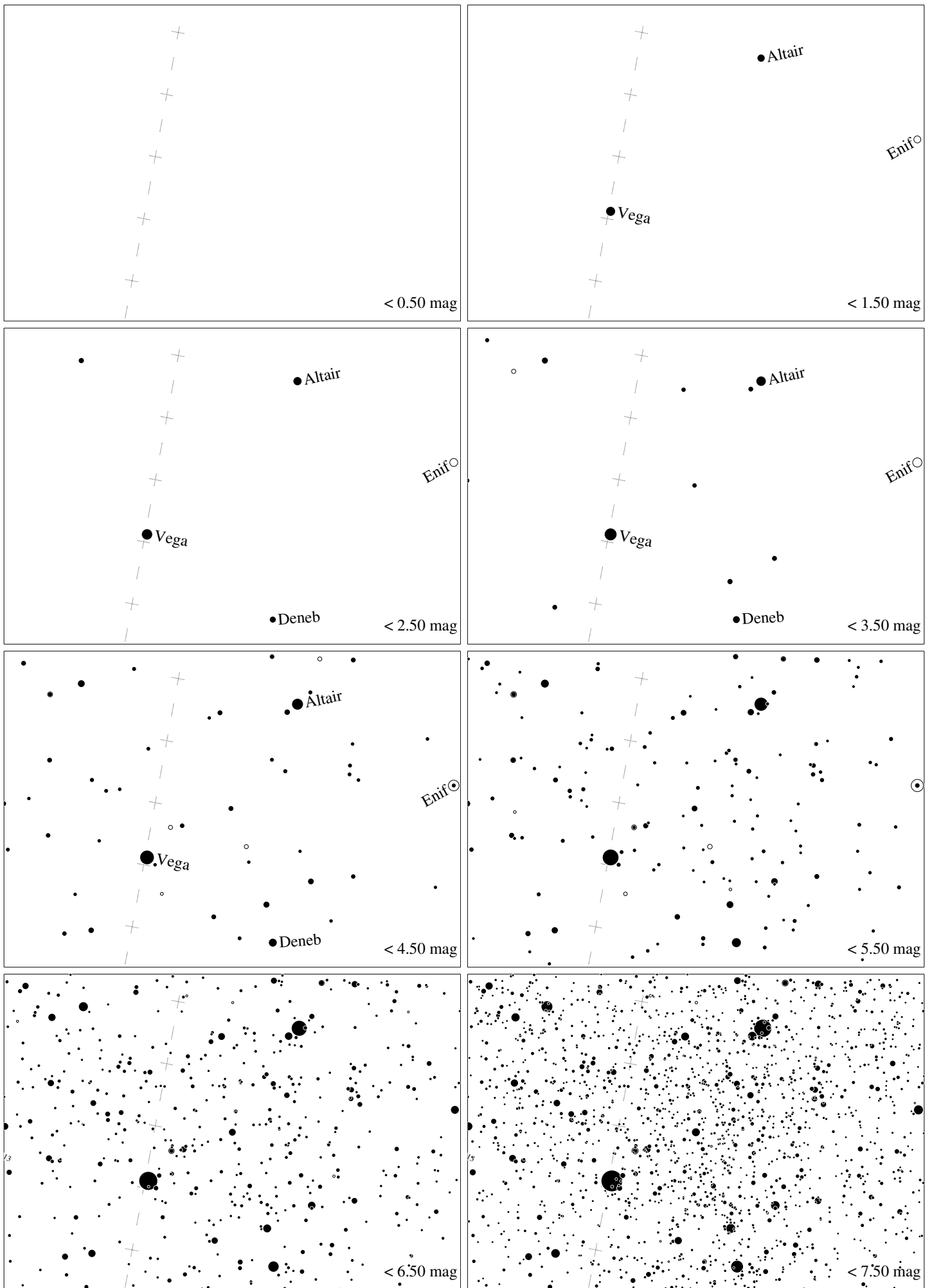
Maps for Globe at Night latitude  $-20^\circ$ , 2020-07-16, 21 h local time (Sun at  $-47^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Izar ( $\epsilon$  Bootis), which is  $32^\circ$  to the left from N, at  $35^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



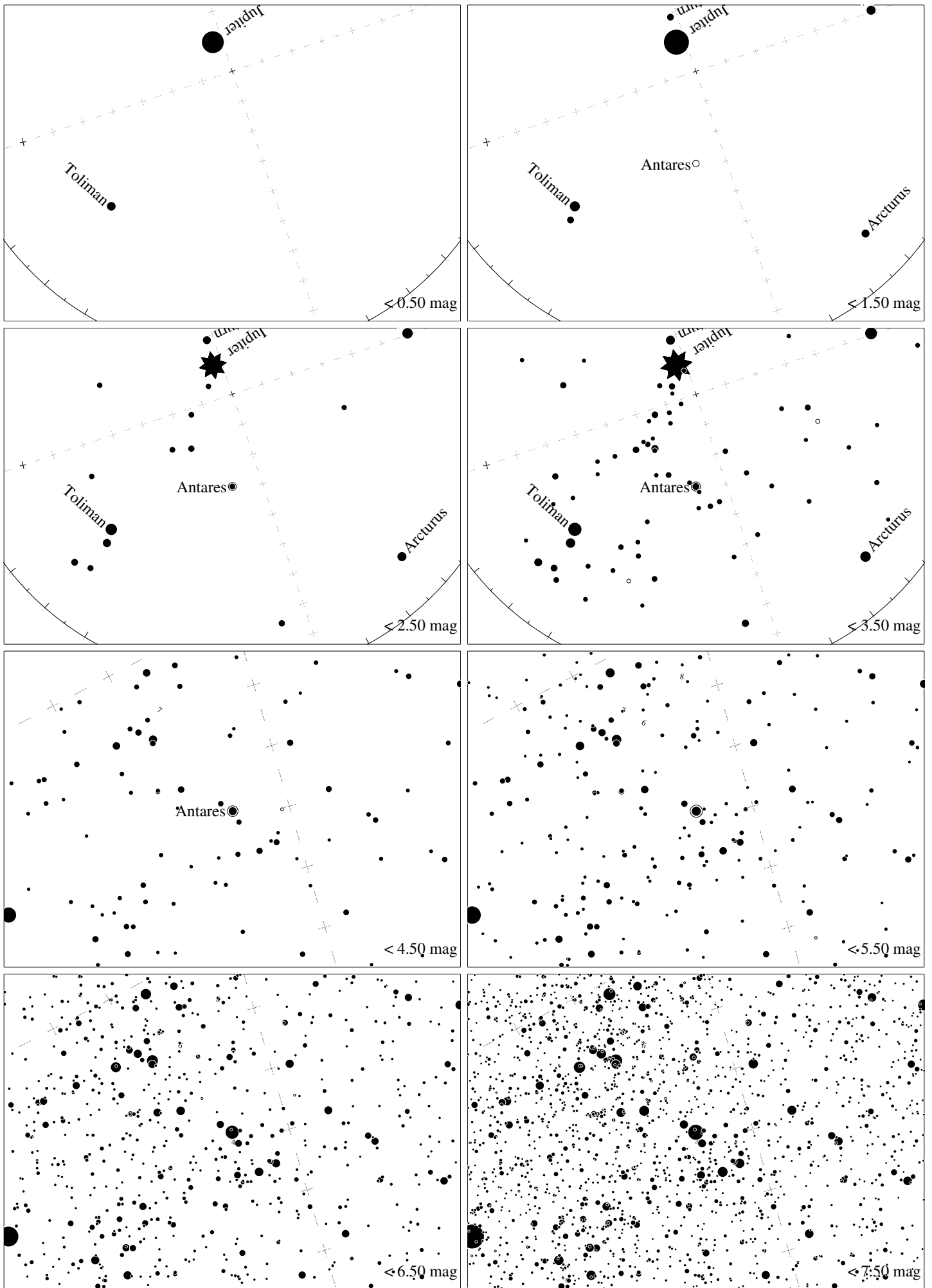
Maps for Globe at Night latitude  $-20^\circ$ , 2020-07-28, 21 h local time (Sun at  $-46^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on  $\zeta$  Herculis, which is  $12^\circ$  to the left from N, at  $37^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



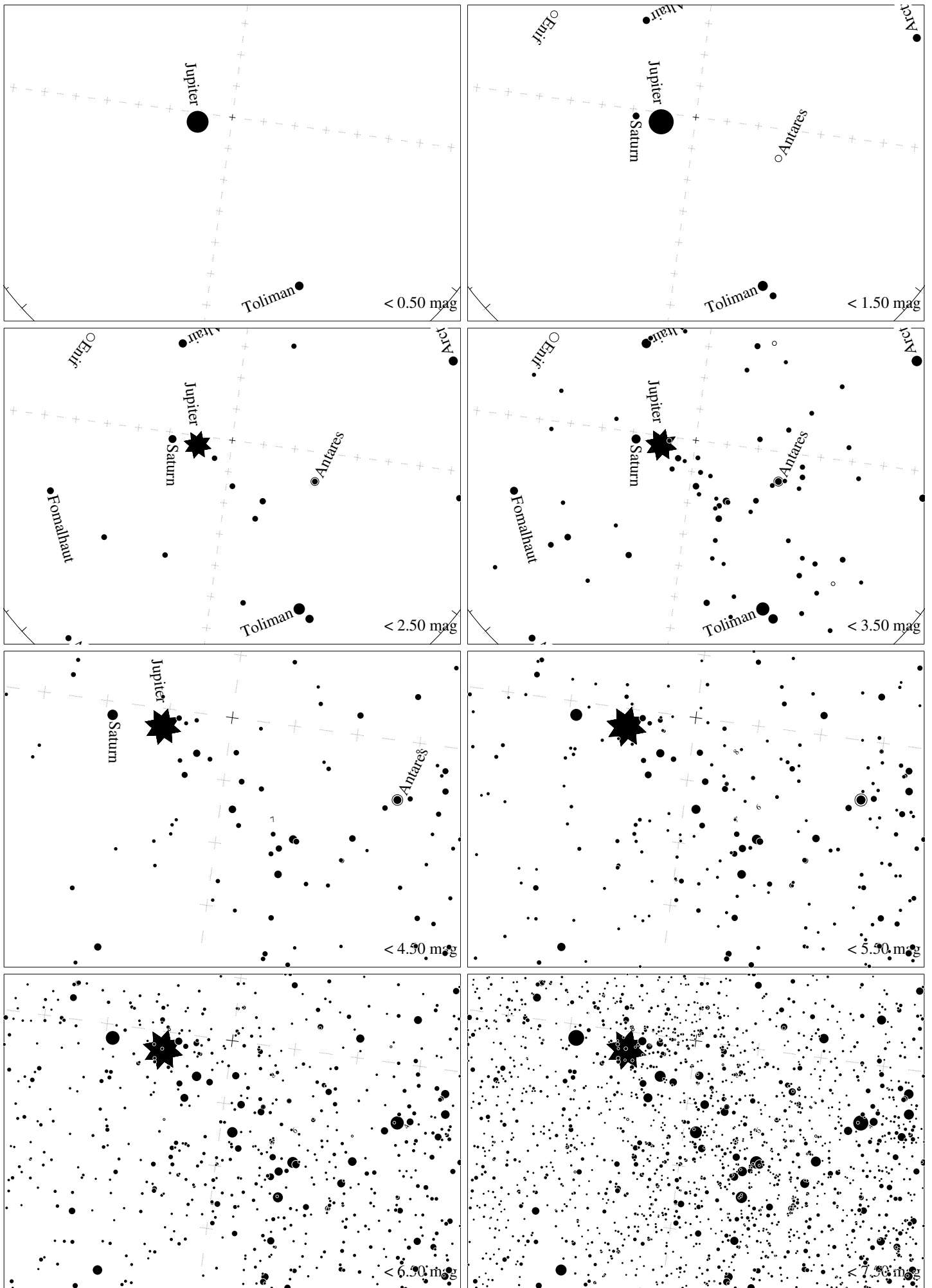
Maps for Globe at Night latitude  $-20^\circ$ , 2020-07-16, 21 h local time (Sun at  $-47^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Antares ( $\alpha$  Scorpii), which is  $19^\circ$  to the right from S, at  $83^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



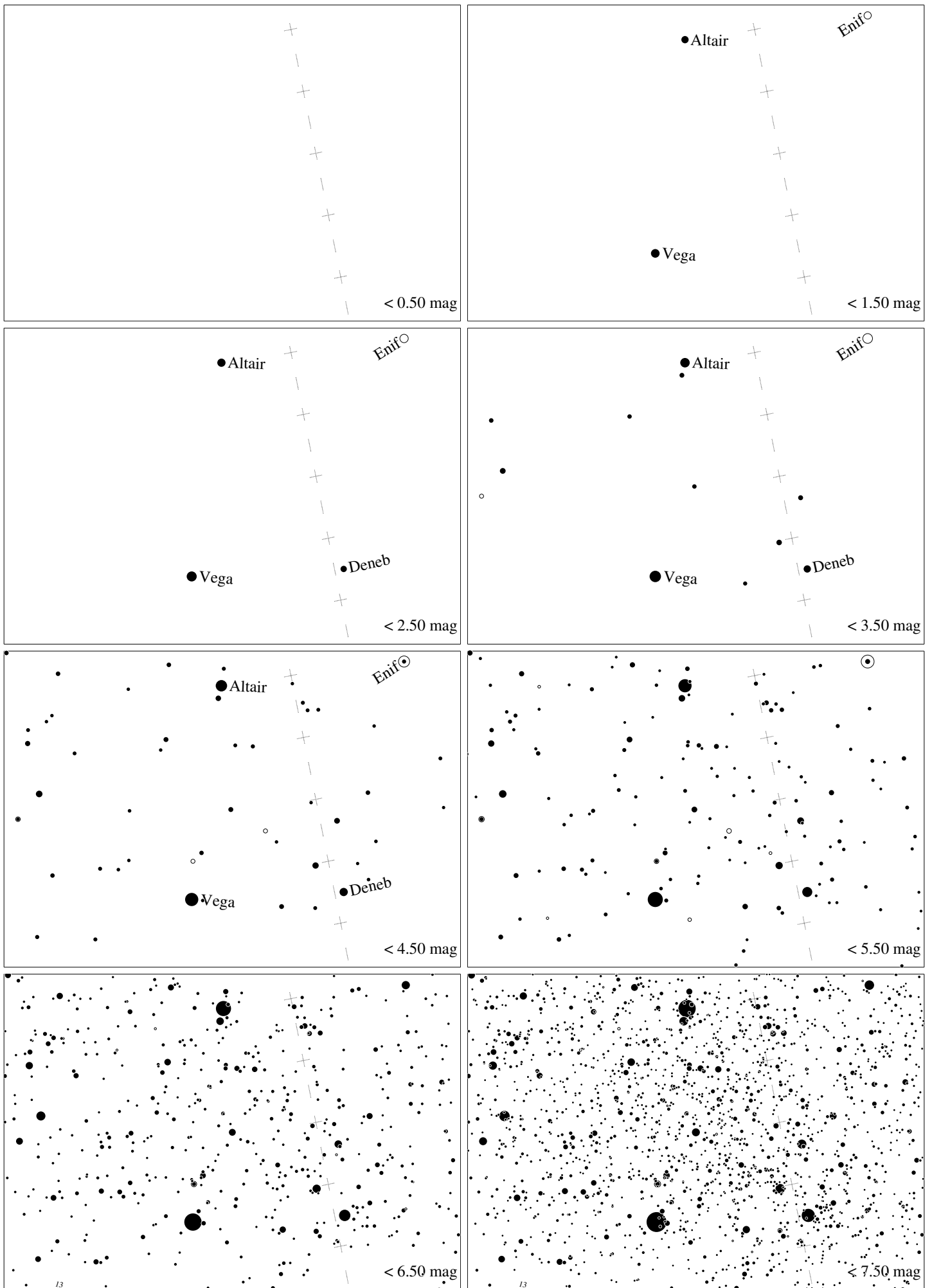
Maps for Globe at Night latitude  $-20^\circ$ , 2020-08-14, 21 h local time (Sun at  $-46^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Albireo ( $\beta$  Cygni),  $16^\circ$  to the right from N, at  $40^\circ$  height, near the centre of Summer Triangle. Map vertical size is  $50^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night latitude  $-20^\circ$ , 2020-08-14, 21 h local time (Sun at  $-46^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Antares ( $\alpha$  Scorpii), which is  $71^\circ$  to the right from S, at  $61^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*

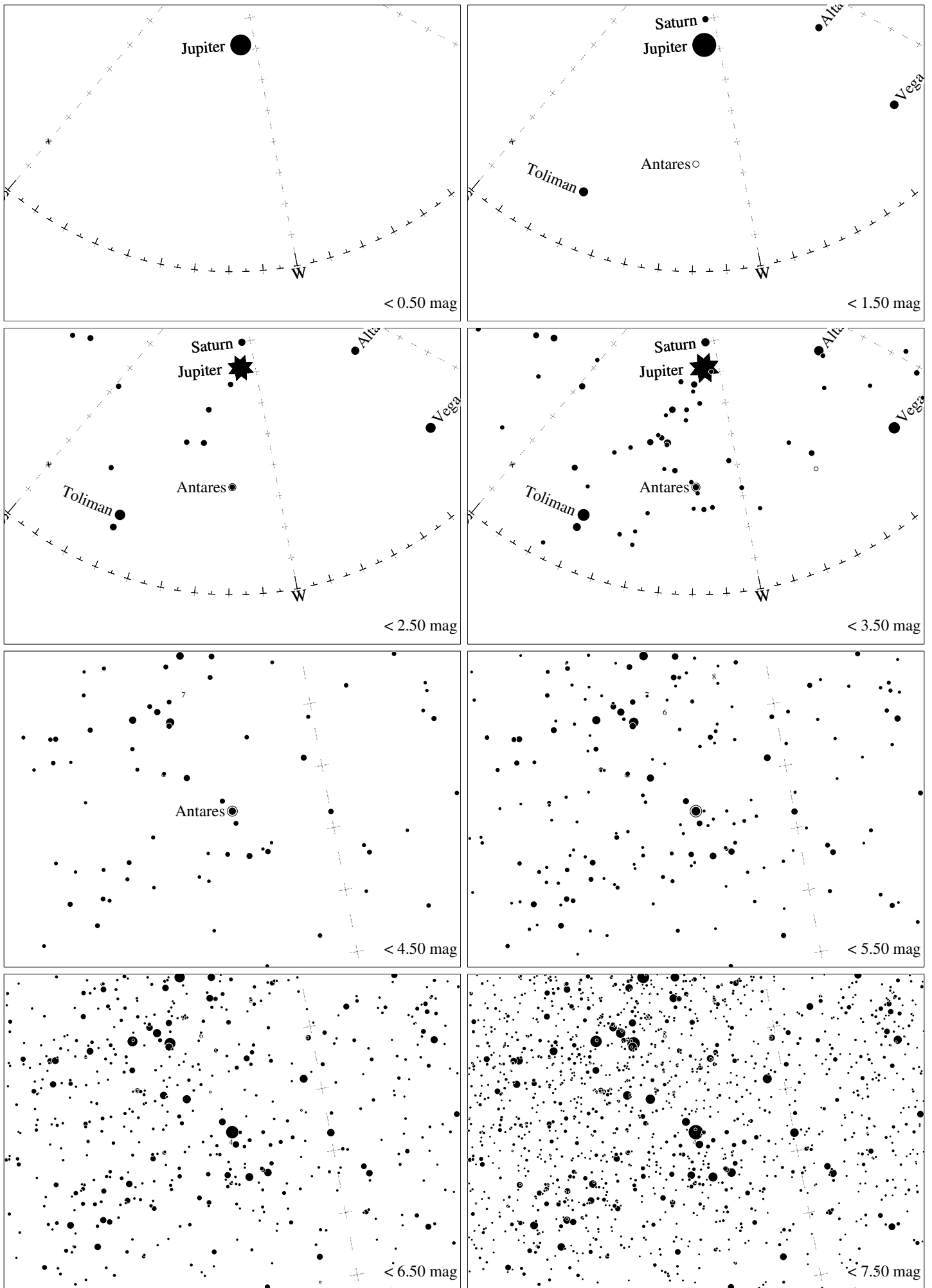


Maps for Globe at Night latitude  $-20^\circ$ , 2020-08-14, 21 h local time (Sun at  $-46^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Kaus Australis ( $\epsilon$  Sagittarii), which is  $8^\circ$  to the right from S, at  $75^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*

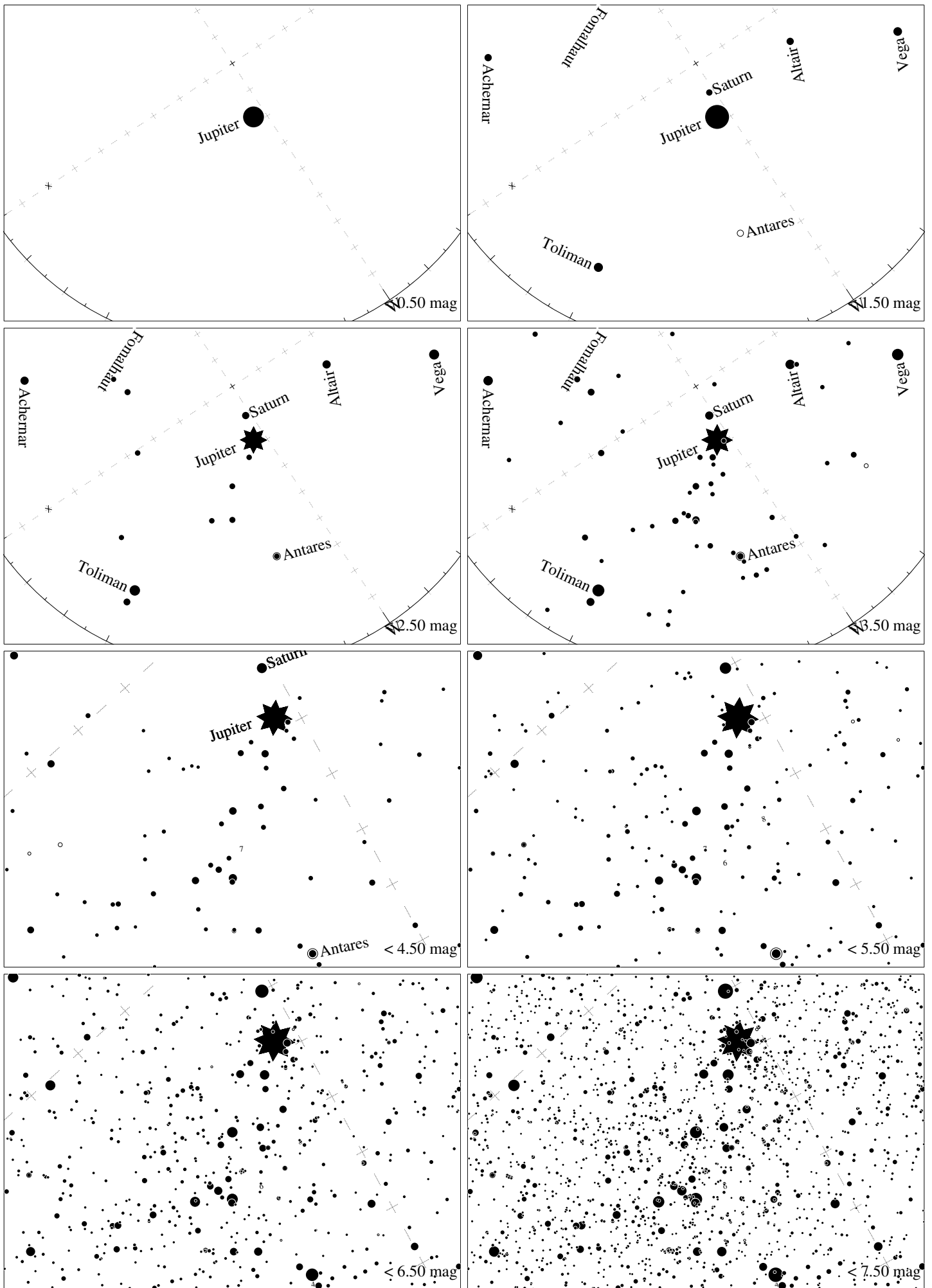


Maps for Globe at Night latitude  $-20^\circ$ , 2020-09-13, 21 h local time (Sun at  $-44^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Albireo ( $\beta$  Cygni),  $18^\circ$  to the left from N, at  $40^\circ$  height, near the centre of Summer Triangle. Map vertical size is  $50^\circ$ . *Jan Hollan, CzechGlobe*

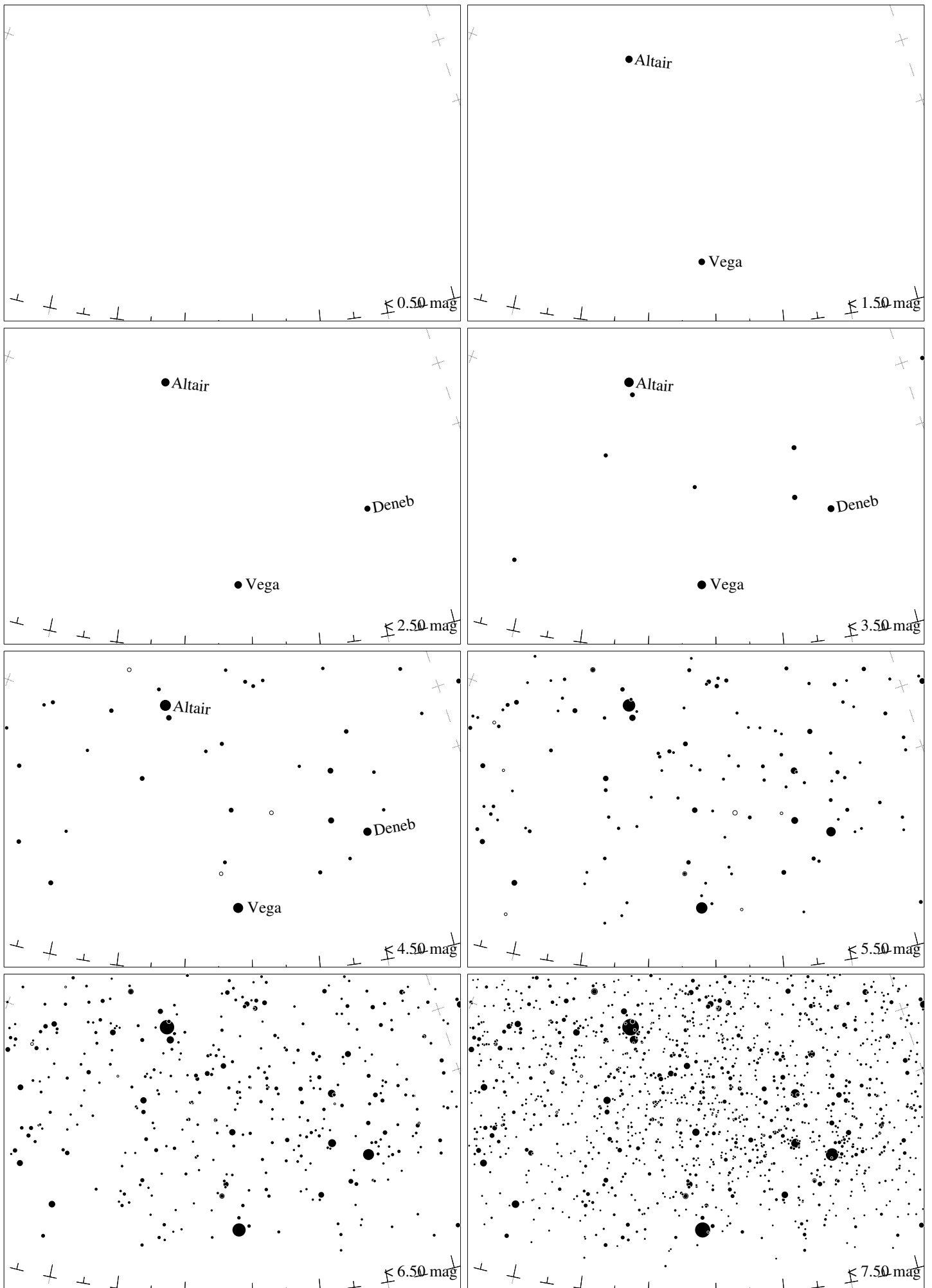




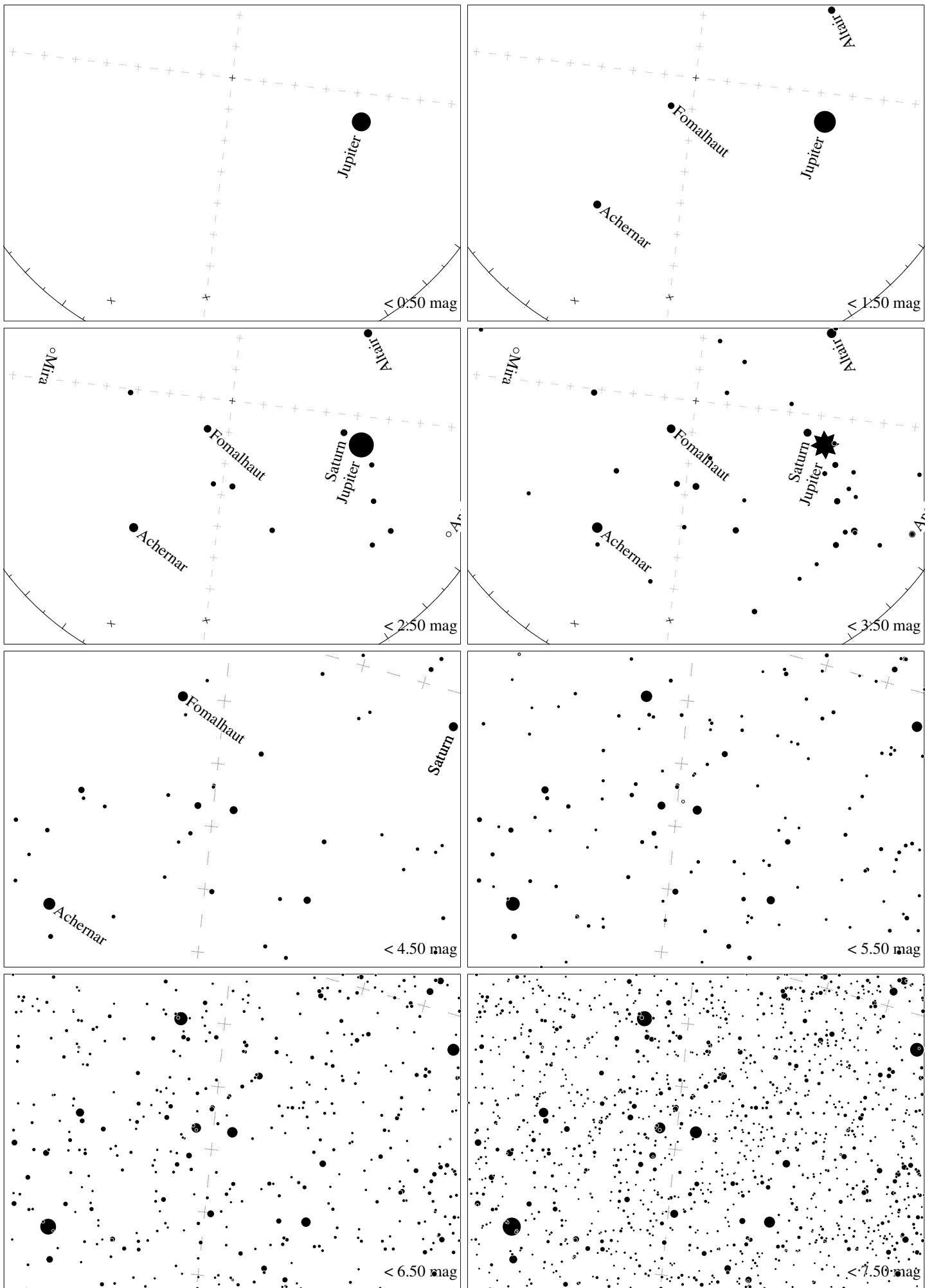
Maps for Globe at Night latitude  $-20^\circ$ , 2020-09-13, 21 h local time (Sun at  $-44^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Antares ( $\alpha$  Scorpii), which is  $71^\circ$  to the right from S, at  $34^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



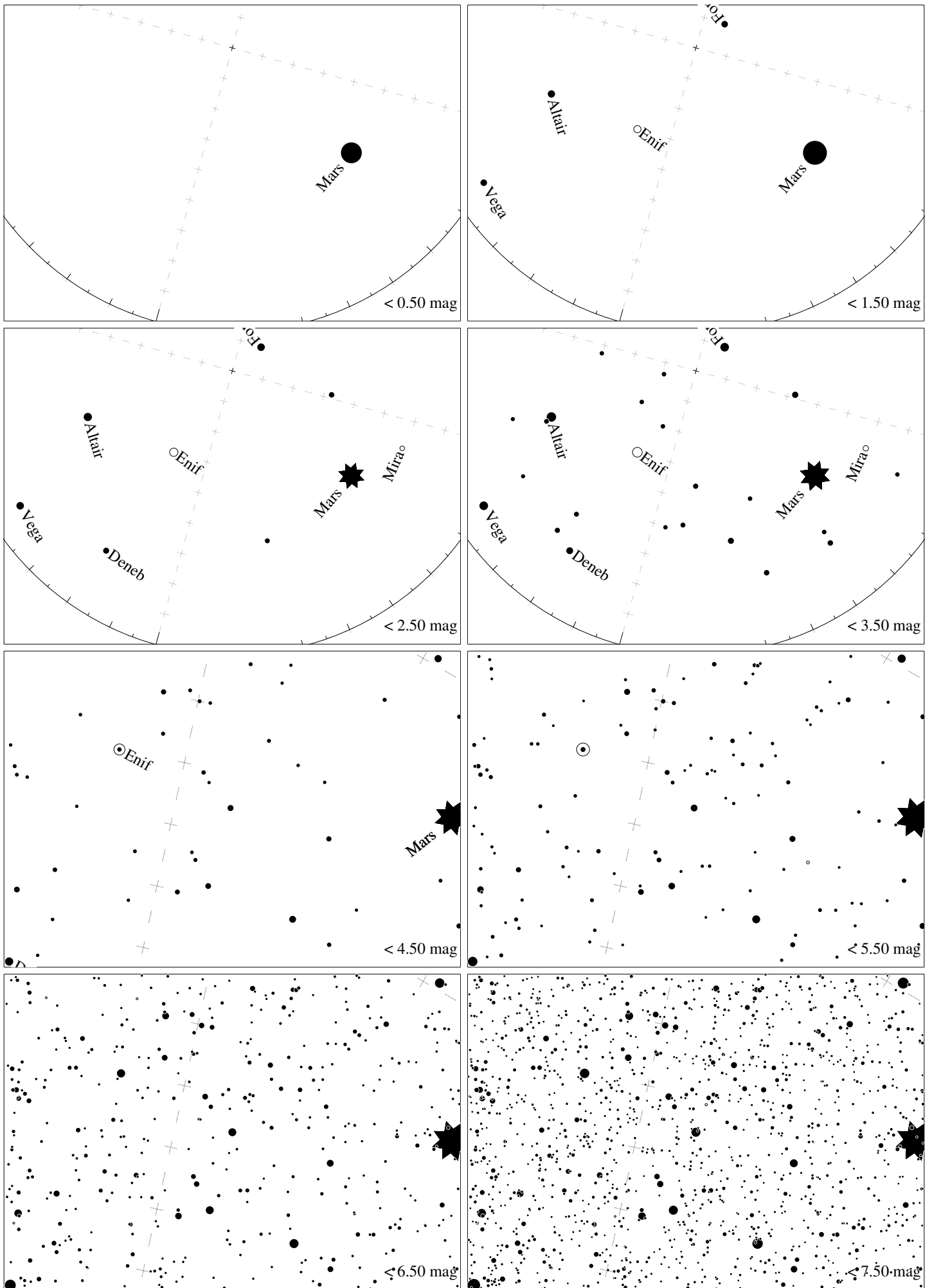
Maps for Globe at Night latitude  $-20^\circ$ , 2020-09-13, 21 h local time (Sun at  $-44^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Kaus Australis ( $\epsilon$  Sagittarii), which is  $56^\circ$  to the right from S, at  $58^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



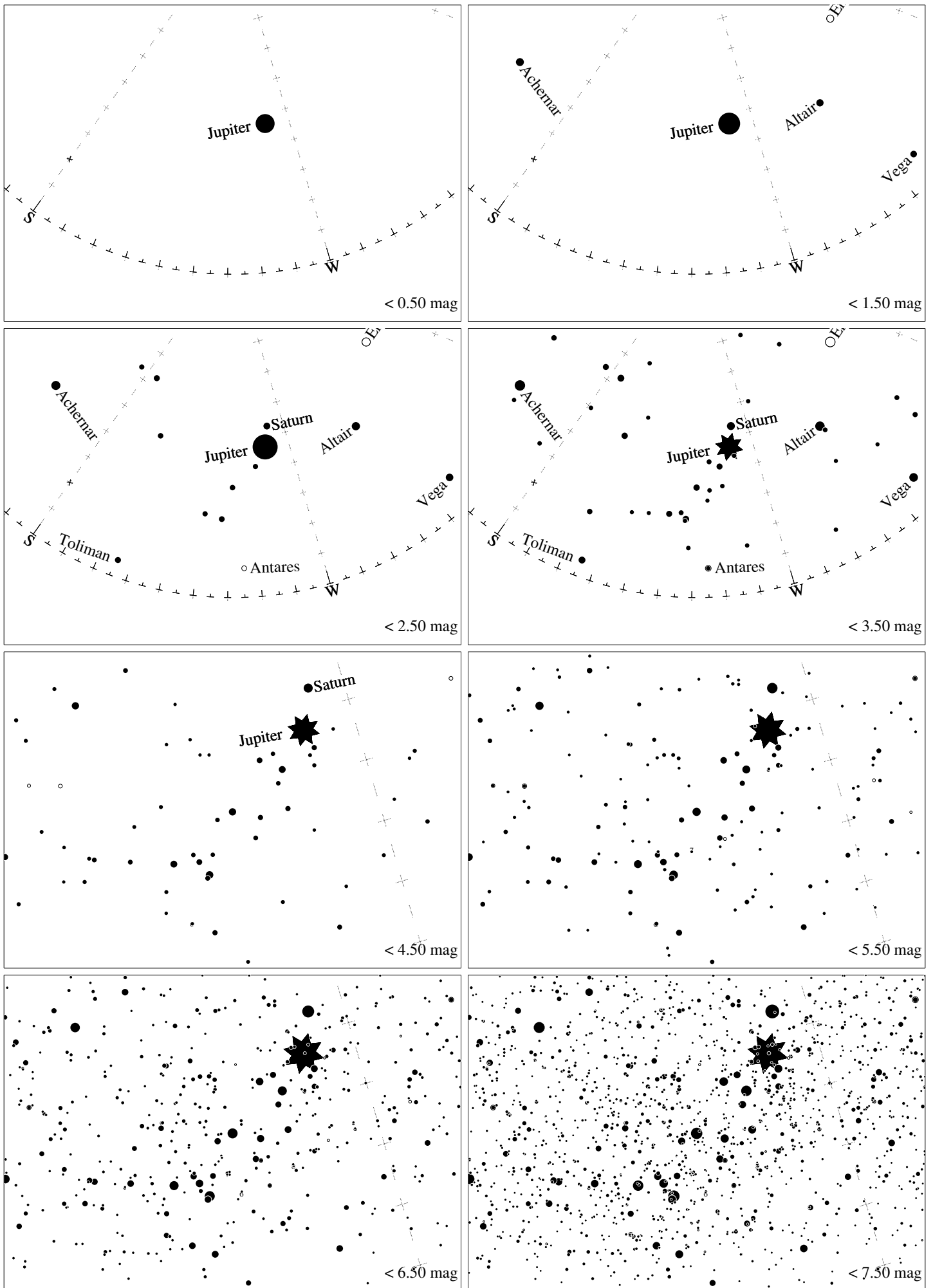
Maps for Globe at Night latitude  $-20^\circ$ , 2020-10-12, 21 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Albireo ( $\beta$  Cygni),  $43^\circ$  to the left from N, at  $26^\circ$  height, near the centre of Summer Triangle. Map vertical size is  $50^\circ$ . *Jan Hollan, CzechGlobe*



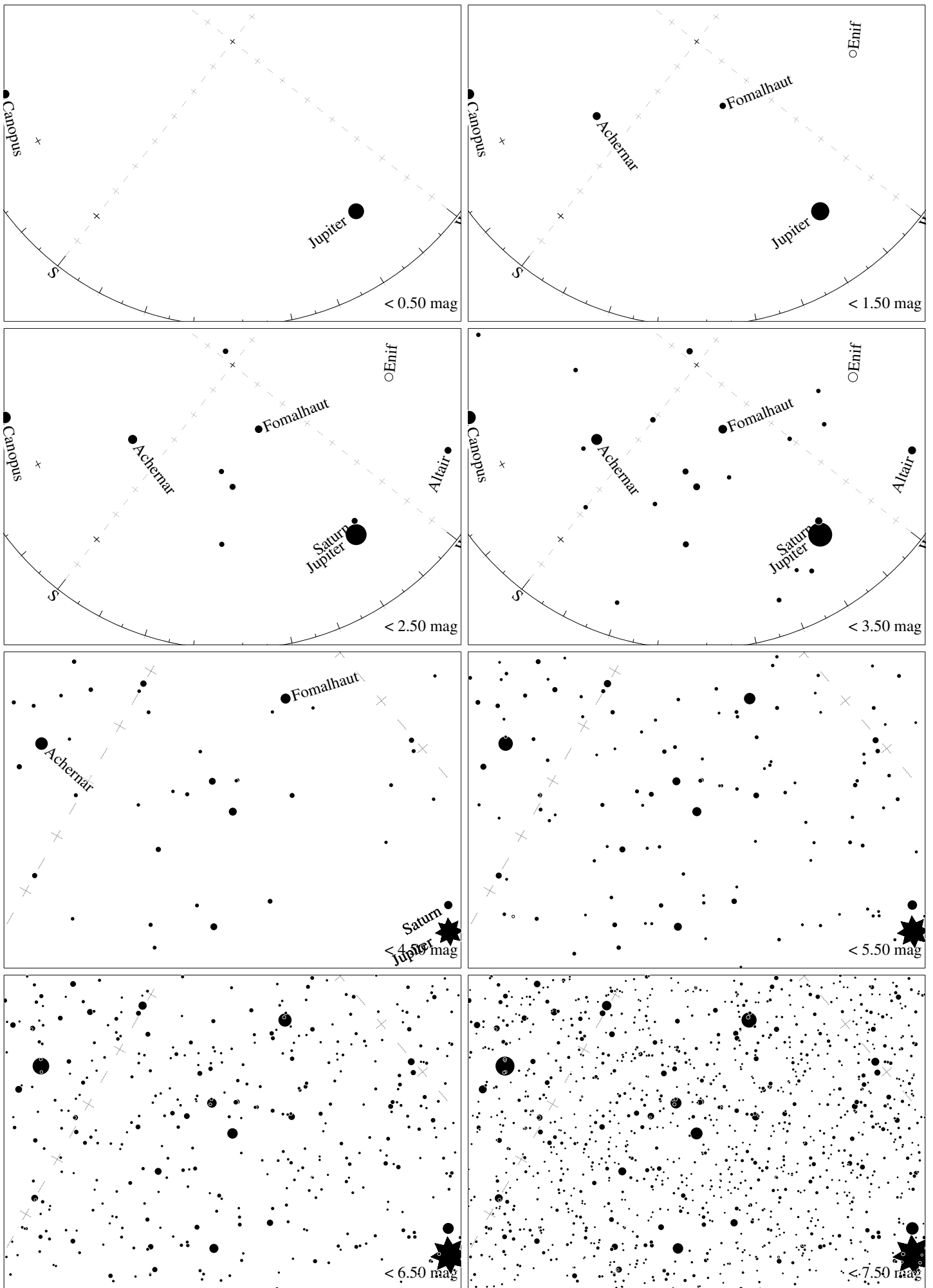
Maps for Globe at Night latitude  $-20^\circ$ , 2020-10-12, 21:30 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Crux), which is  $7^\circ$  to the right from S, at  $63^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



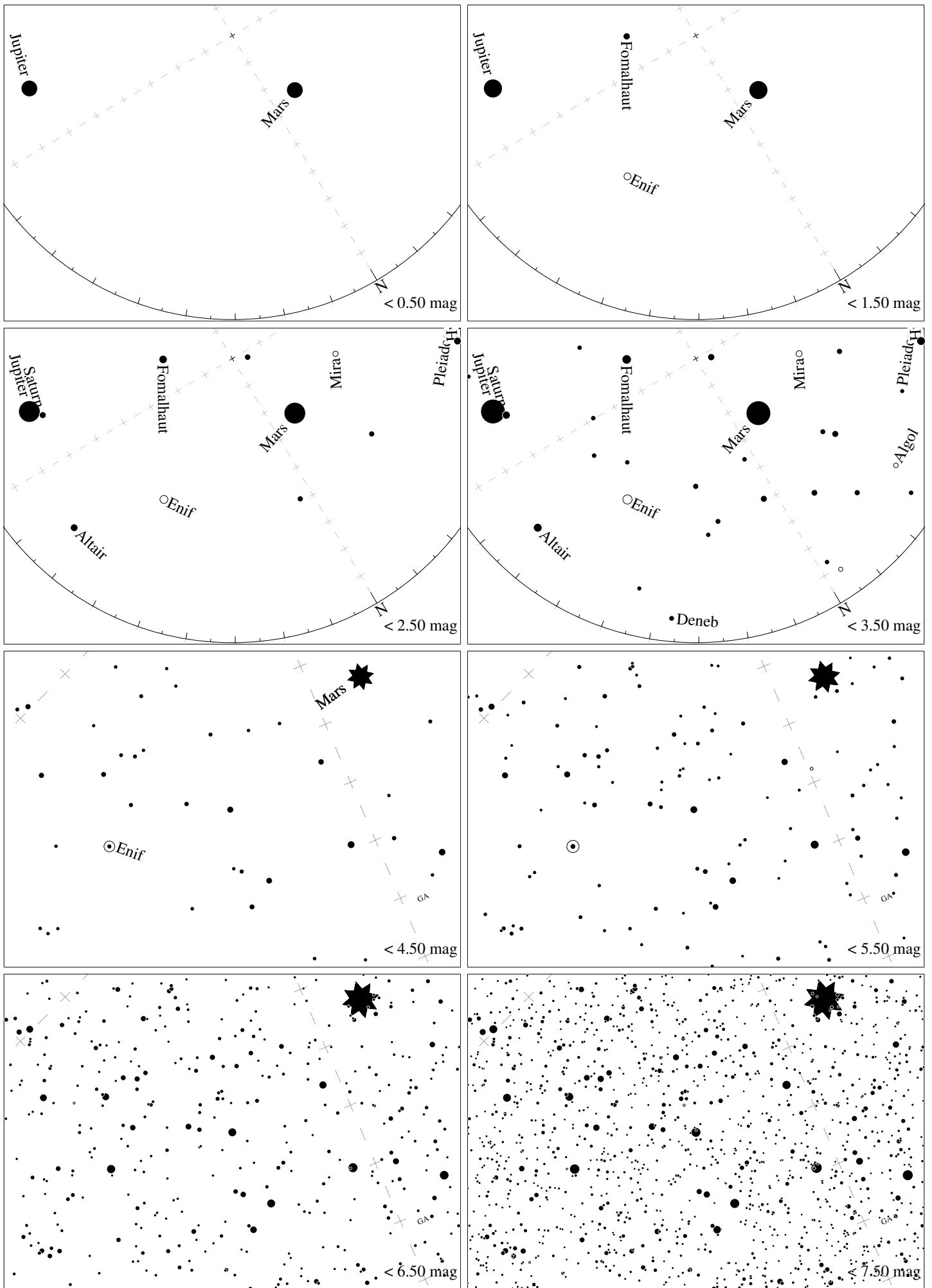
Maps for Globe at Night latitude  $-20^\circ$ , 2020-10-12, 21 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). The map is centered on Markab ( $\alpha$  Pegasi), which is  $16^\circ$  to the right from N, at  $53^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night latitude  $-20^\circ$ , 2020-10-12, 21 h local time (Sun at  $-40^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Kaus Australis ( $\epsilon$  Sagittarii), which is  $61^\circ$  to the right from S, at  $35^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*

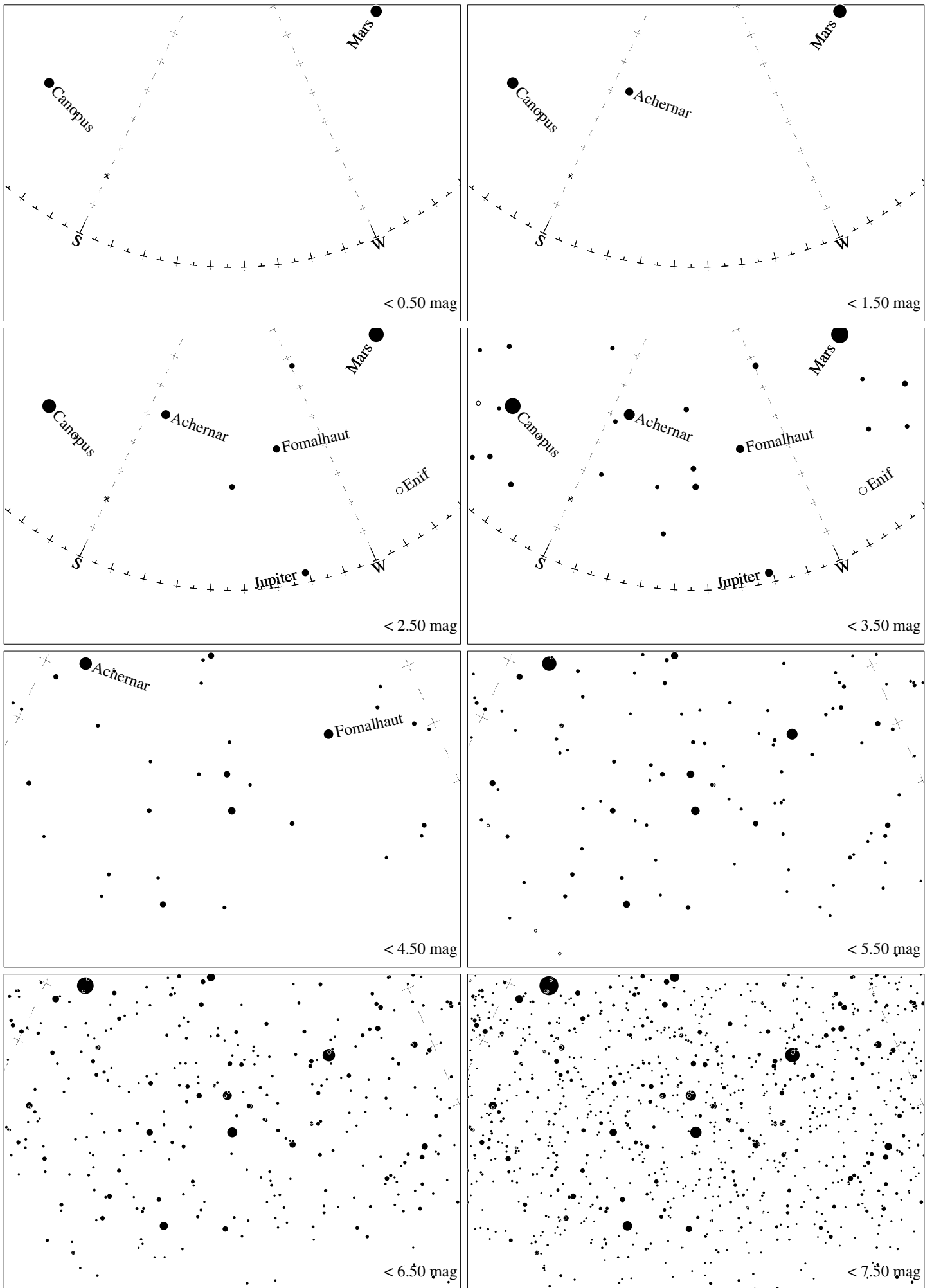


Maps for Globe at Night latitude  $-20^\circ$ , 2020-11-11, 21:30 h local time (Sun at  $-35^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $38^\circ$  to the right from S, at  $51^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*



Maps for Globe at Night latitude  $-20^\circ$ , 2020-11-11, 21 h local time (Sun at  $-35^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). The map is centered on Markab ( $\alpha$  Pegasi), which is  $31^\circ$  to the left from N, at  $50^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . *Jan Hollan, CzechGlobe*





Maps for Globe at Night latitude  $-20^\circ$ , 2020-12-10, 21:30 h local time (Sun at  $-30^\circ$ ), transparent air. Lines from N(E,S,W) to zenith shown (crosses each  $10^\circ$ ). Centered on Alnair ( $\alpha$  Gruis), which is  $46^\circ$  to the right from S, at  $33^\circ$  height. Detailed maps  $50^\circ$  vertically, the first four maps  $100^\circ$ . Jan Hollan, CzechGlobe