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ATLAS

do céu

Legenda



Magnitudes das estrelas

Estrela dupla · Estrela variável (máx. e mín.) · Radiante de chuva de meteoros

Figura da constelação · Eclíptica · Trajetória (1º de janeiro)

Galáxia · Aglomerado aberto · Aglomerado globular

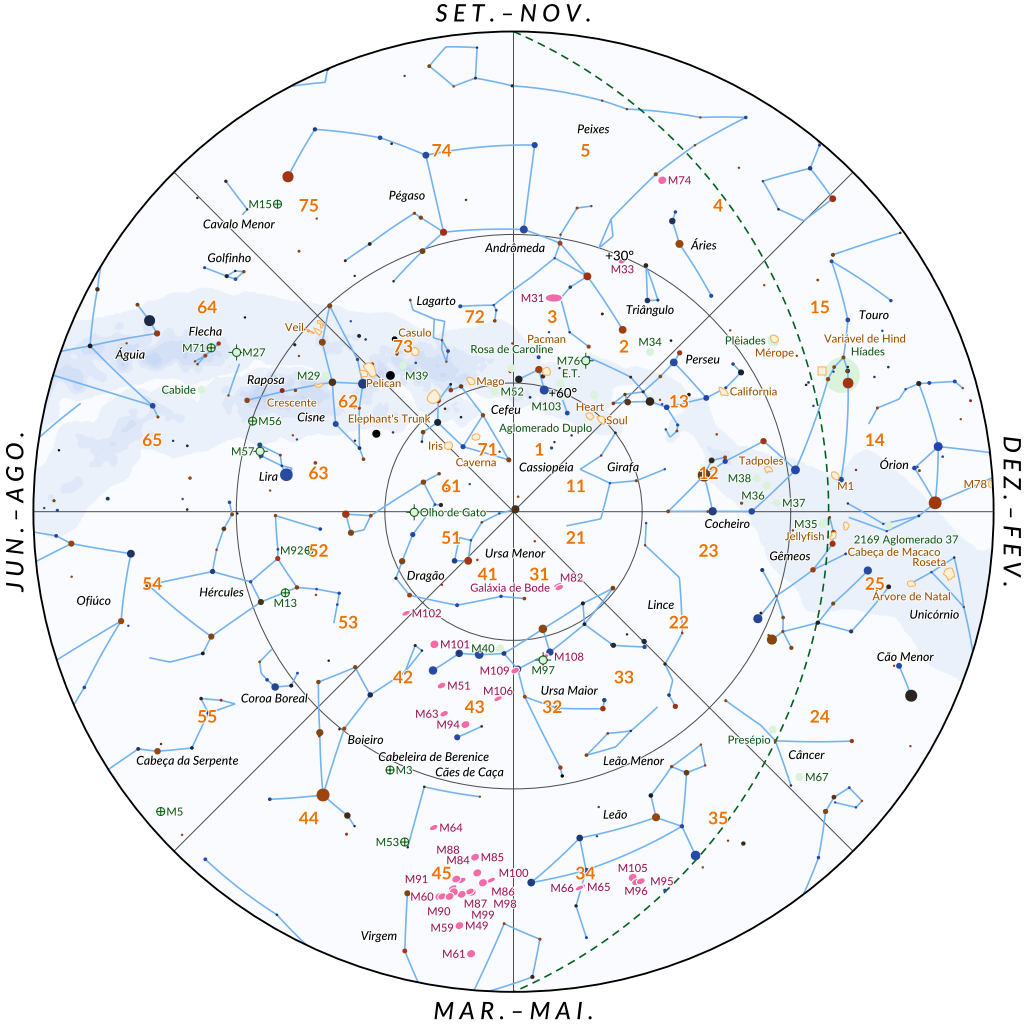
Nebulosa · Nebulosa escura · Nebulosa planetária

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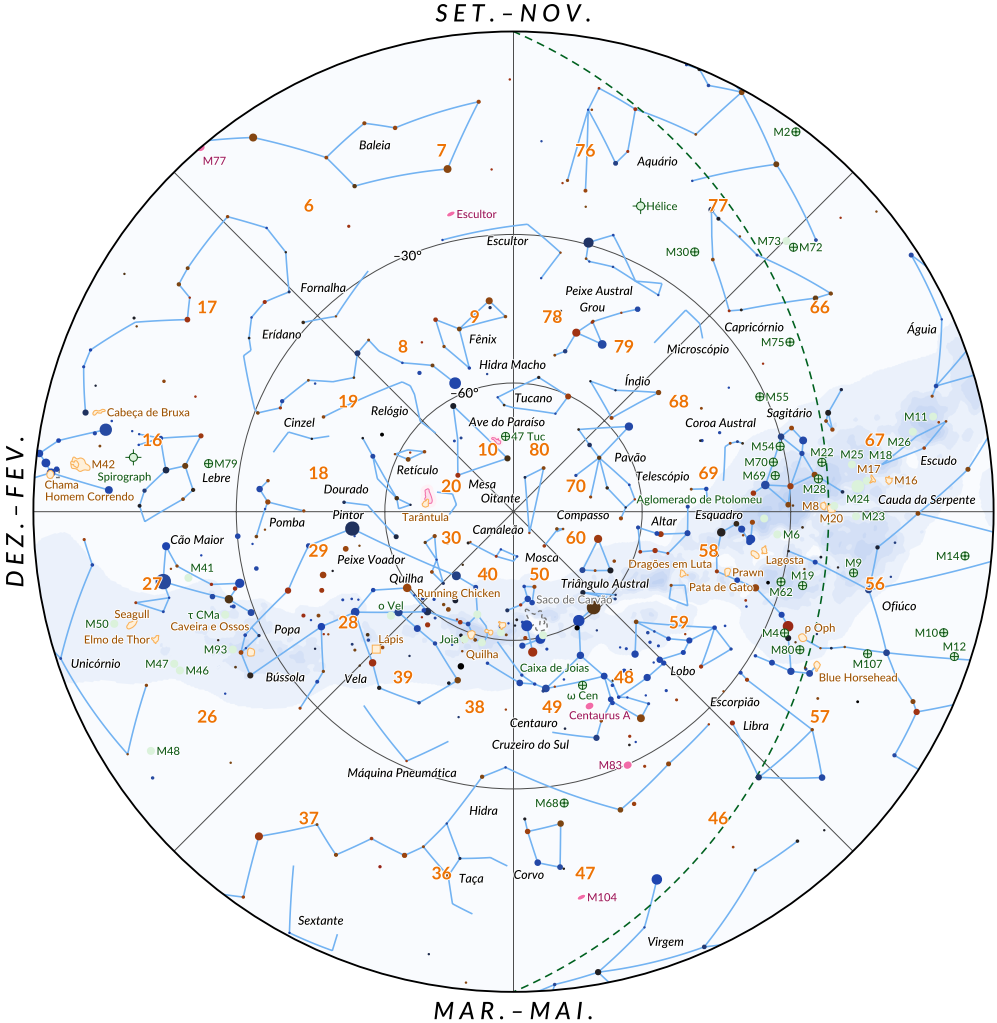
Fontes: Hipparcos (van Leeuwen 2007), SAO, CDS/SIMBAD, CDS/VizieR, Wikidata, IAU/Sky & Telescope, ESO/S. Brunier, WHAM, WISE (NASA/JPL-Caltech/UCLA), IRAS/IRIS, GALEX, Pan-STARRS1, T.A. Rector (NOIRLab/NSF/AURA), Schlegel, Finkbeiner & Davis (1998), d3-celestial (O. Frohn).

Atualizado em 13 de novembro de 2026

Hemisfério celeste norte



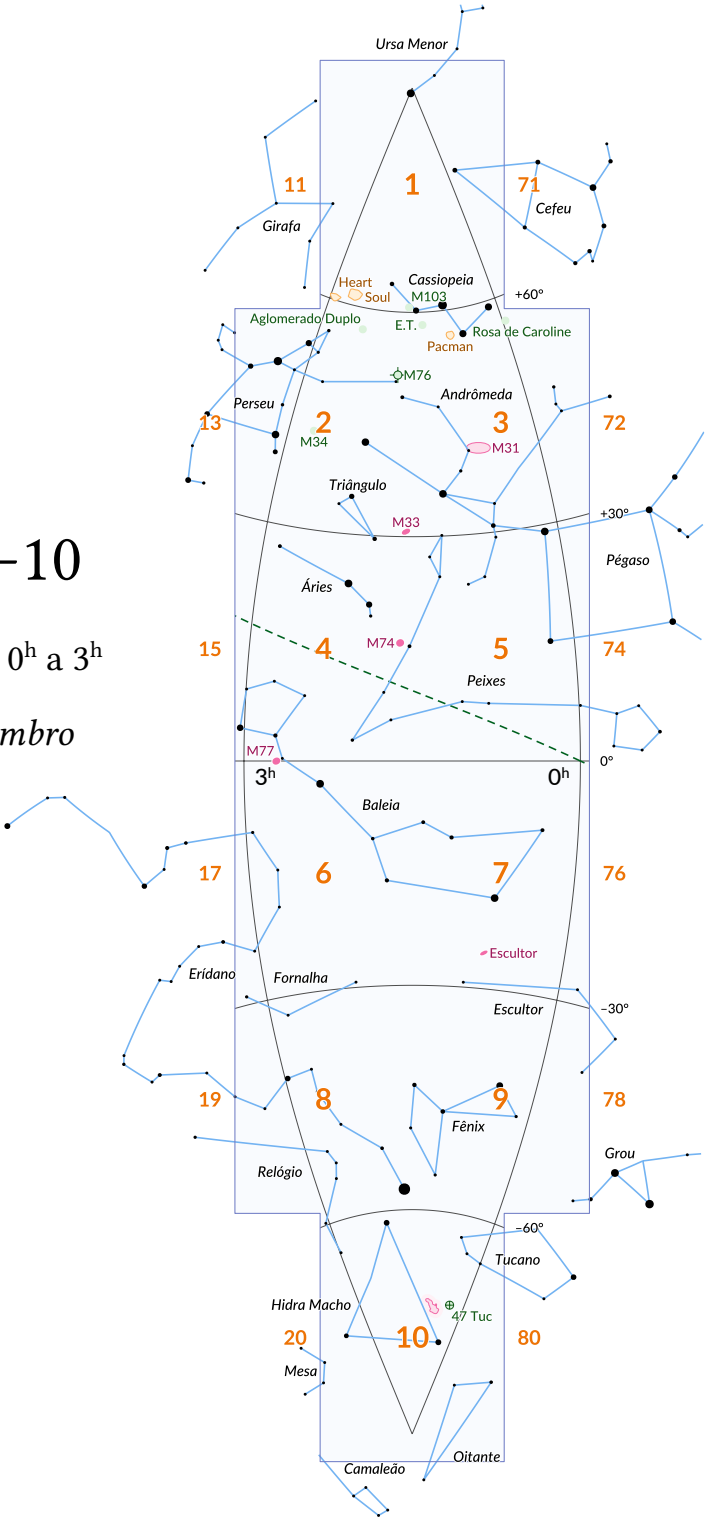
Hemisfério celeste sul

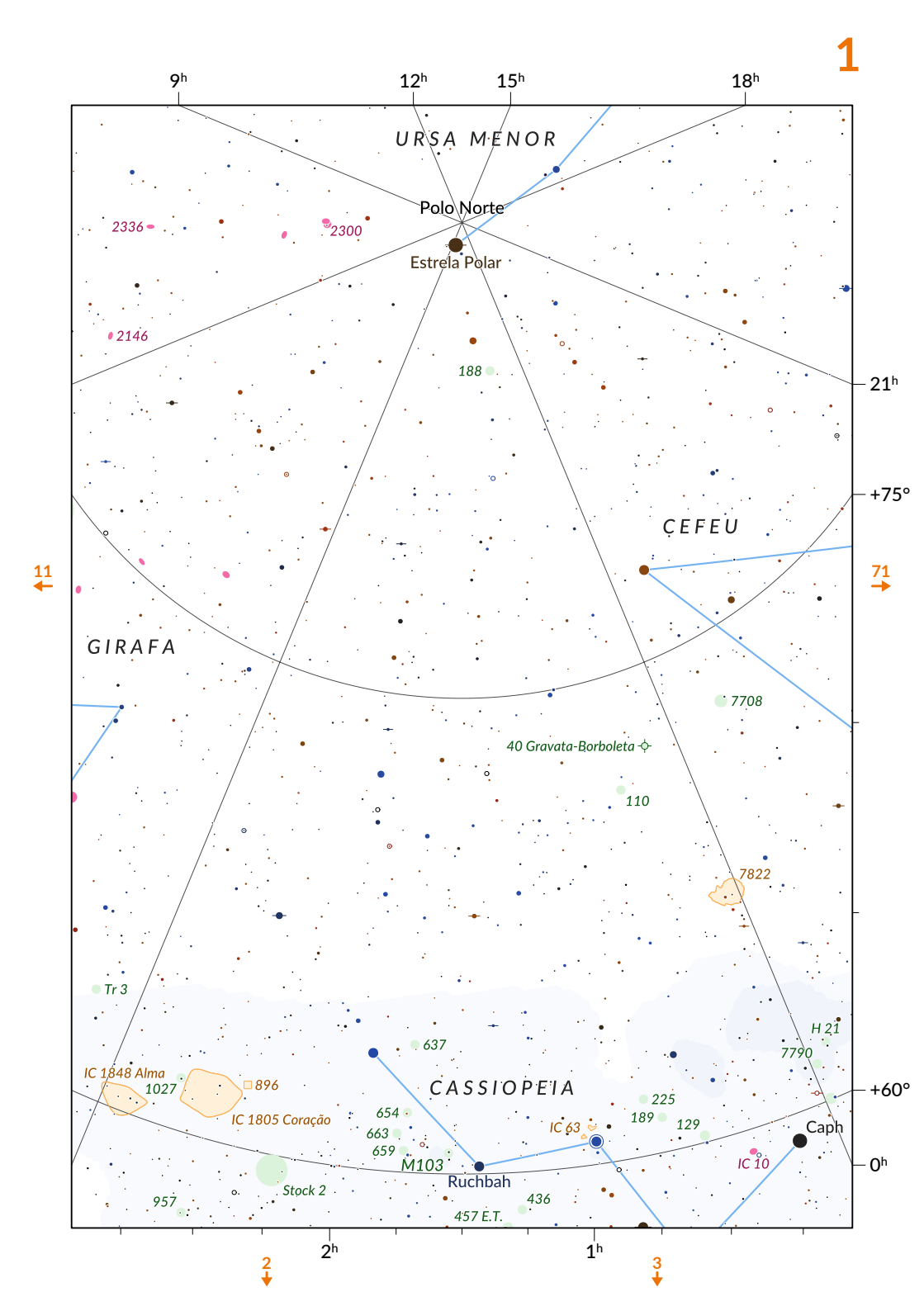


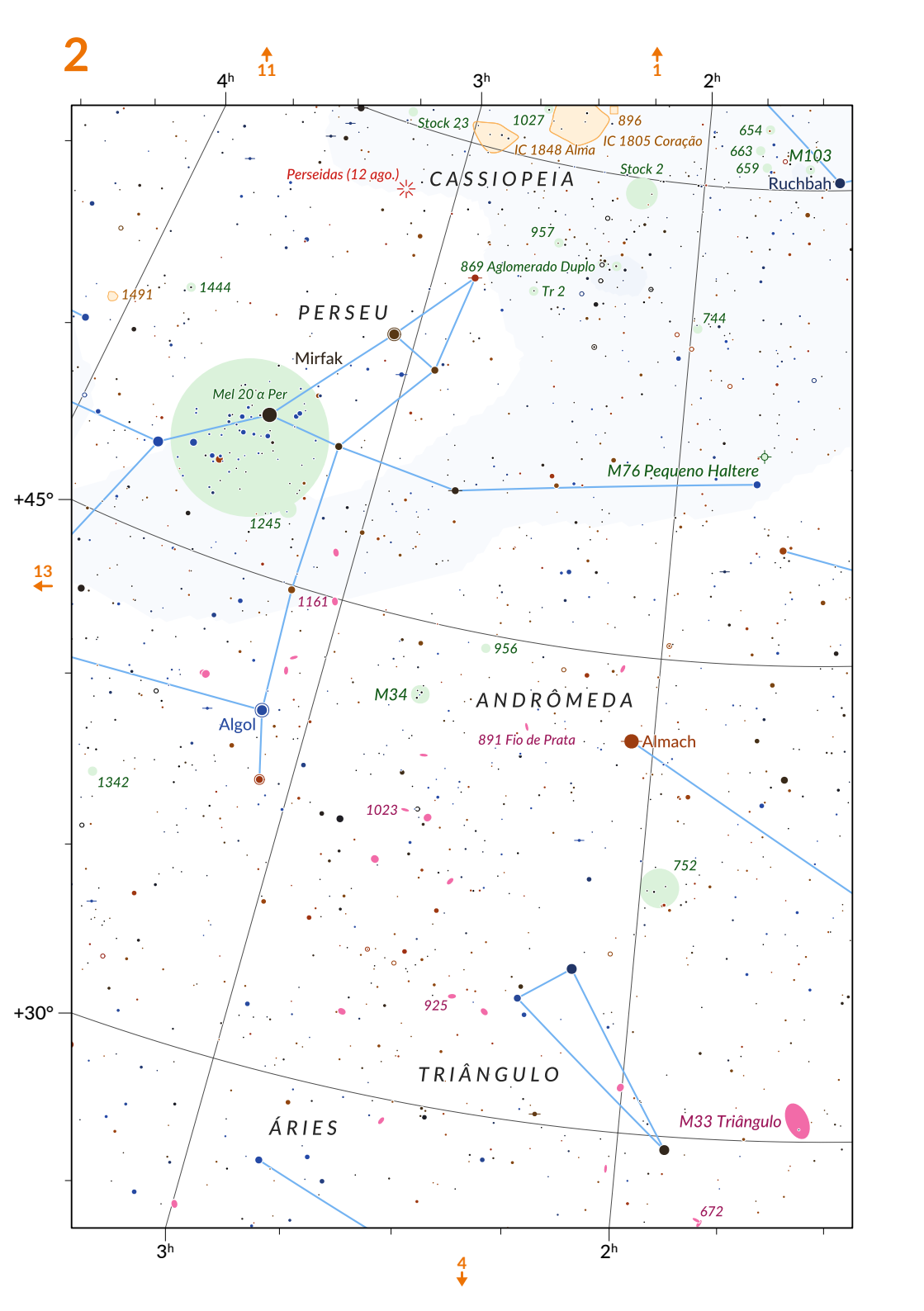
Cartas 1–10

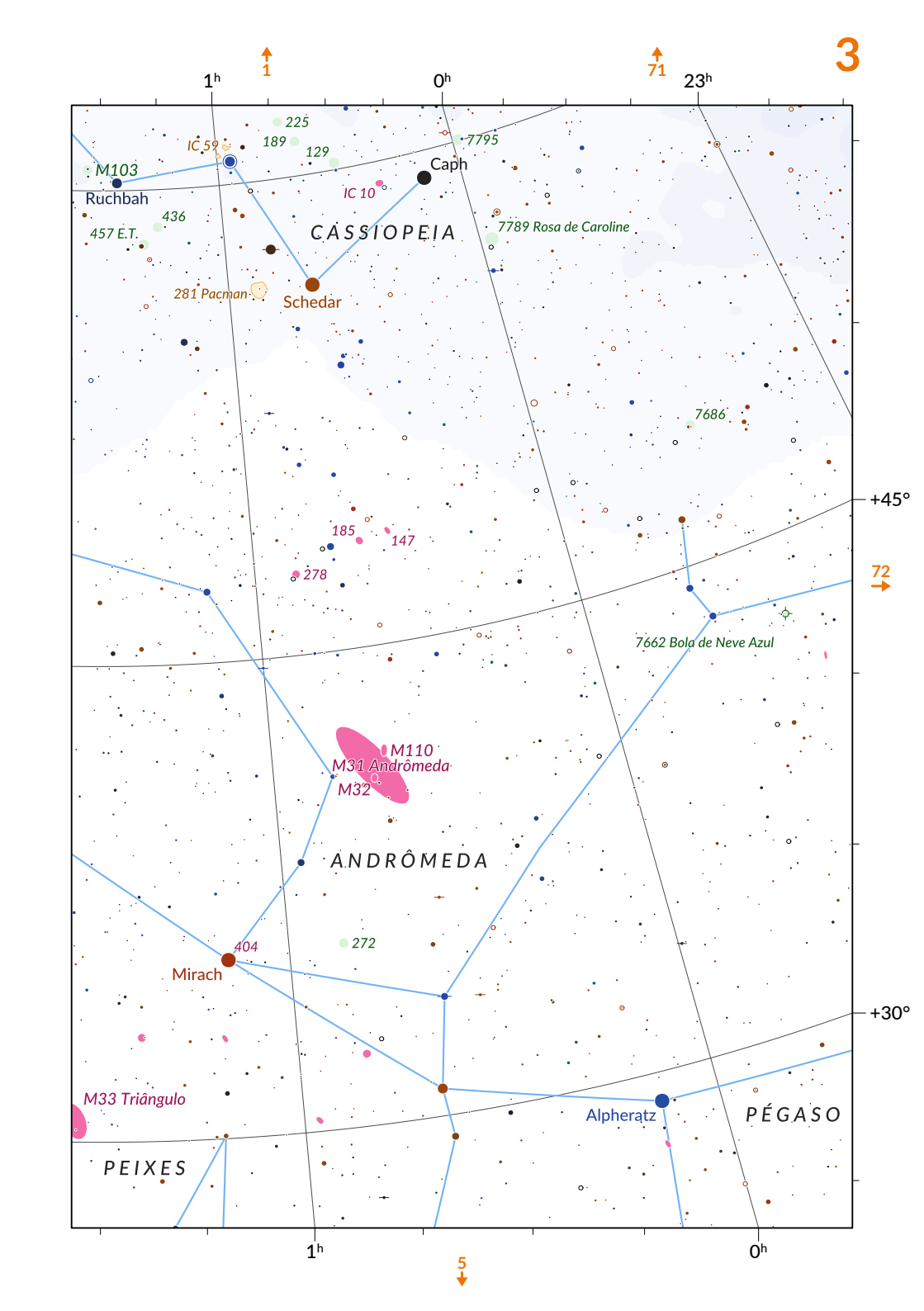
Ascensão reta de 0^h a 3^h

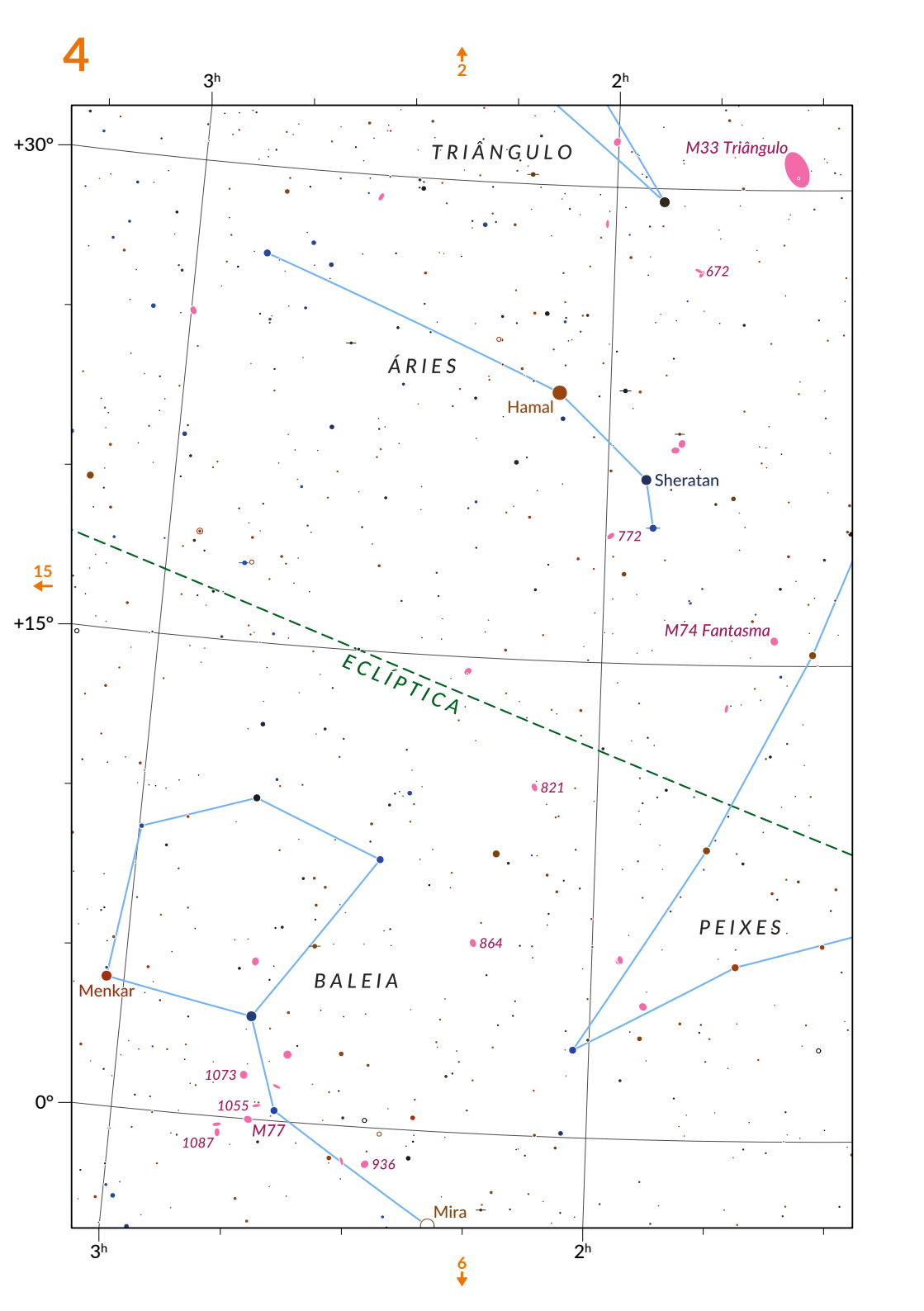
Novembro/dezembro

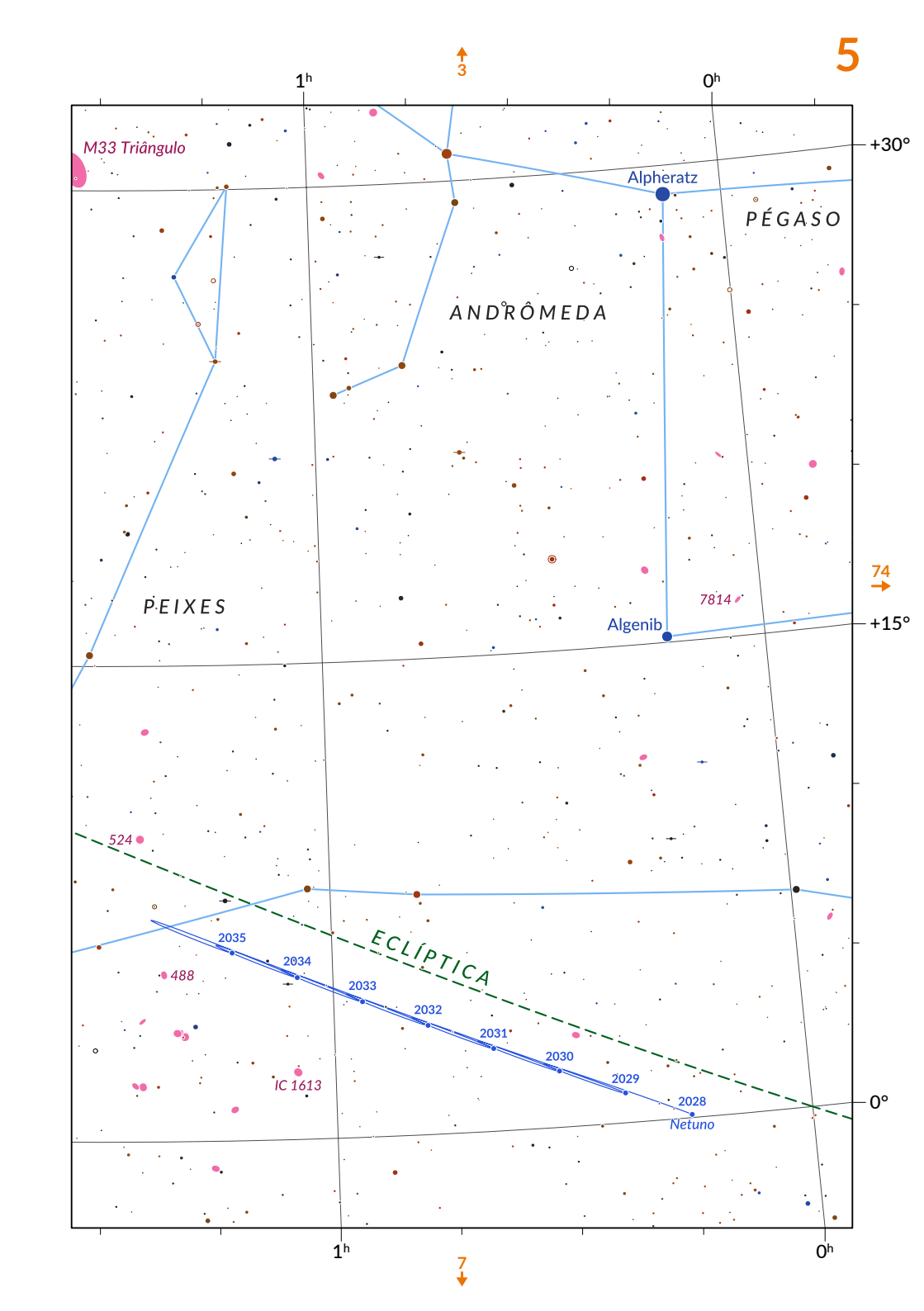


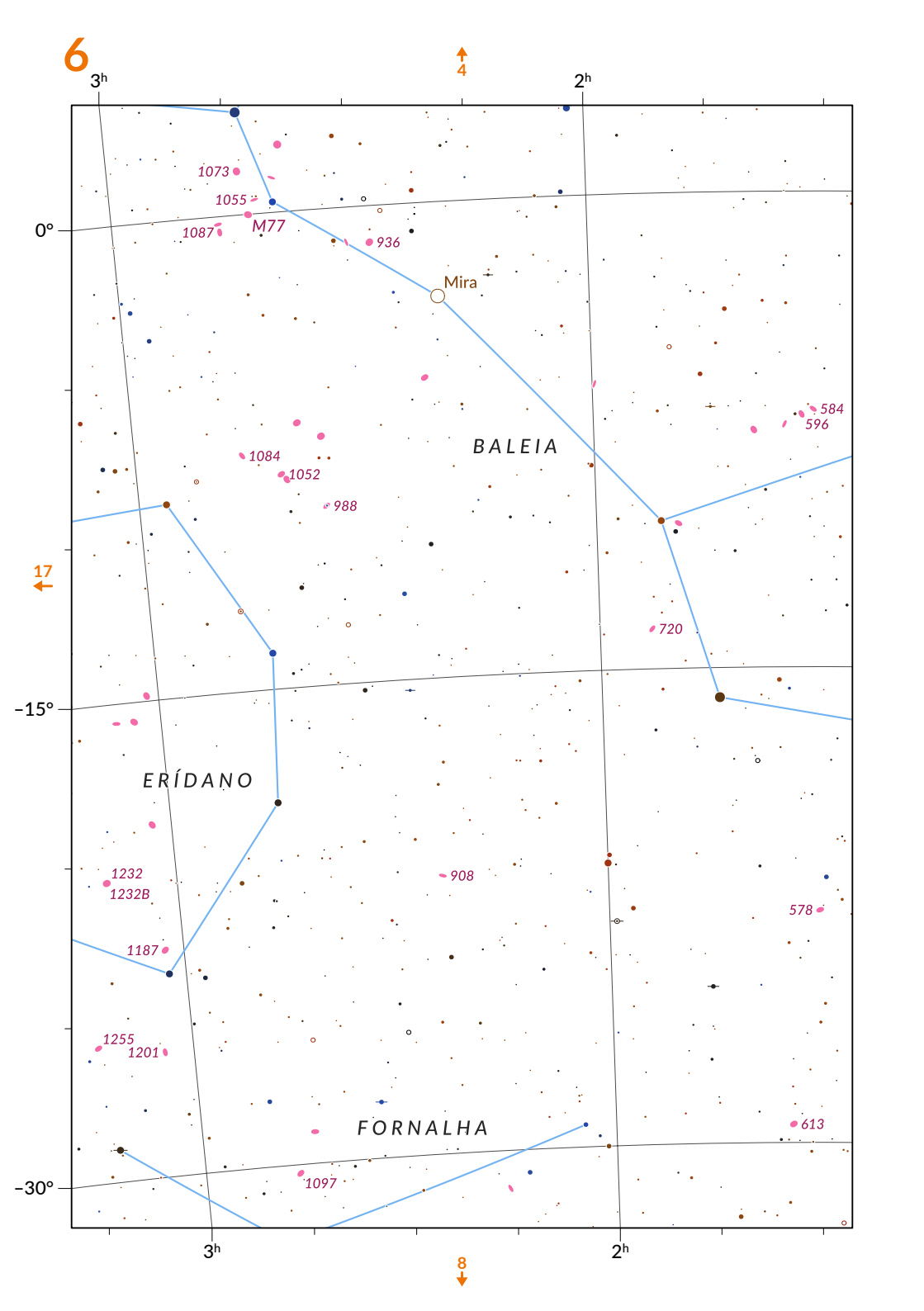

1
9h
12h
15h
18h
URSA MENOR
Polo Norte
Estrela Polar
2336
2300
2146
188
21h
+75°
CEFEU
11
71
GIRAFA
7708
40 Gravata-Borboleta
110
7822
Tr 3
637
H 21
7790
IC 1848 Alma
1027
896
IC 1805 Coração
CASSIOPEIA
+60°
654
663
659
225
189
129
IC 63
Caph
M103
Ruchbah
IC 10
0h
957
Stock 2
436
457 E.T.
2h
1h
2
3

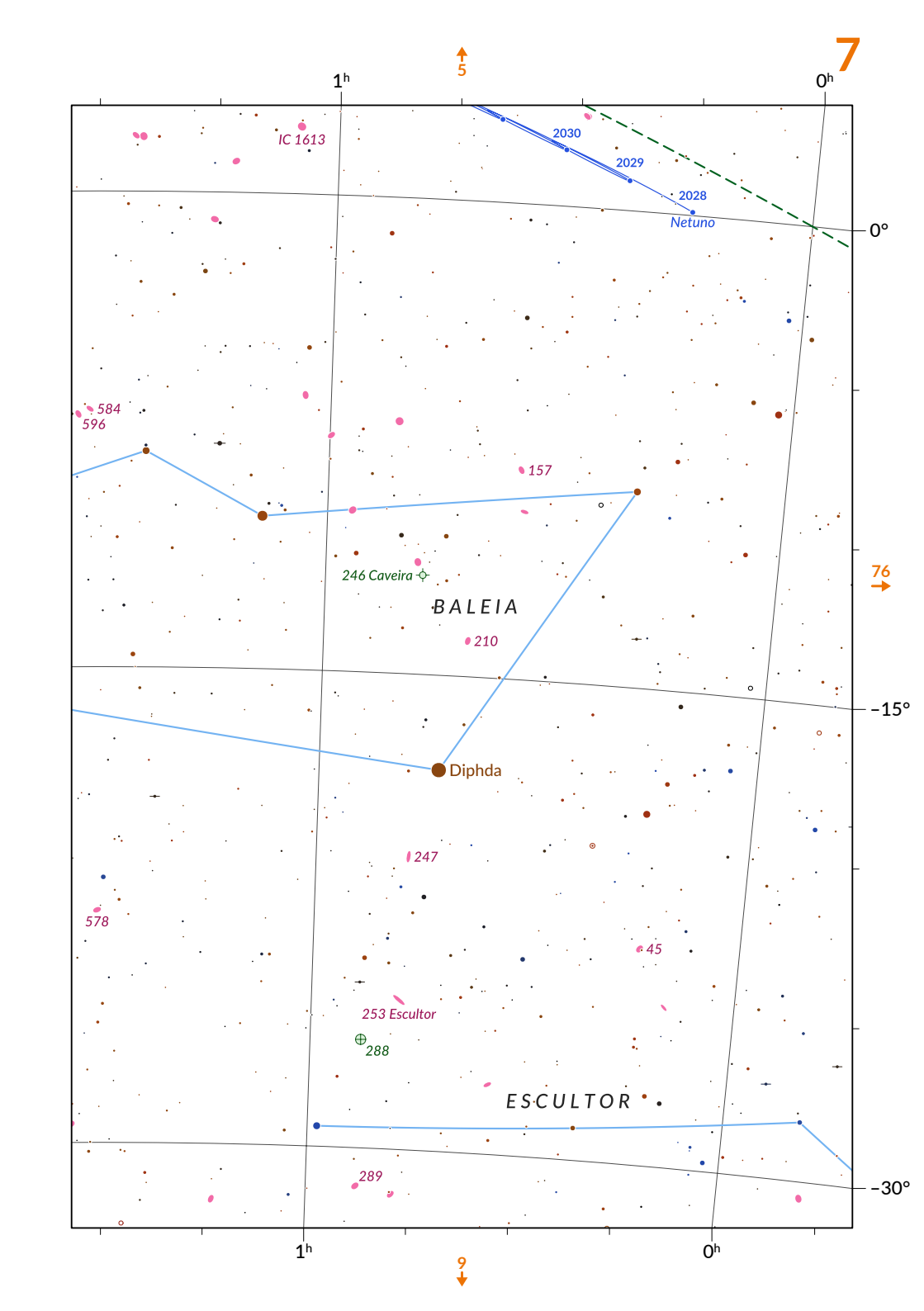

2
11
1
4h
3h
2h
Stock 23
1027
896
IC 1848 Alma
IC 1805 Coração
654
663
659
M103
Ruchbah
Perseidas (12 ago.)
CASSIOPEIA
Stock 2
957
869 Aglomerado Duplo
Tr 2
1491
1444
PERSEU
744
Mirfak
Mel 20 α Per
M76 Pequeno Haltere
+45°
1245
13
1161
956
M34
ANDRÔMEDA
Algol
891 Fio de Prata
Almach
1342
1023
752
925
+30°
TRIÂNGULO
M33 Triângulo
ÁRIES
672
3h
2h
4

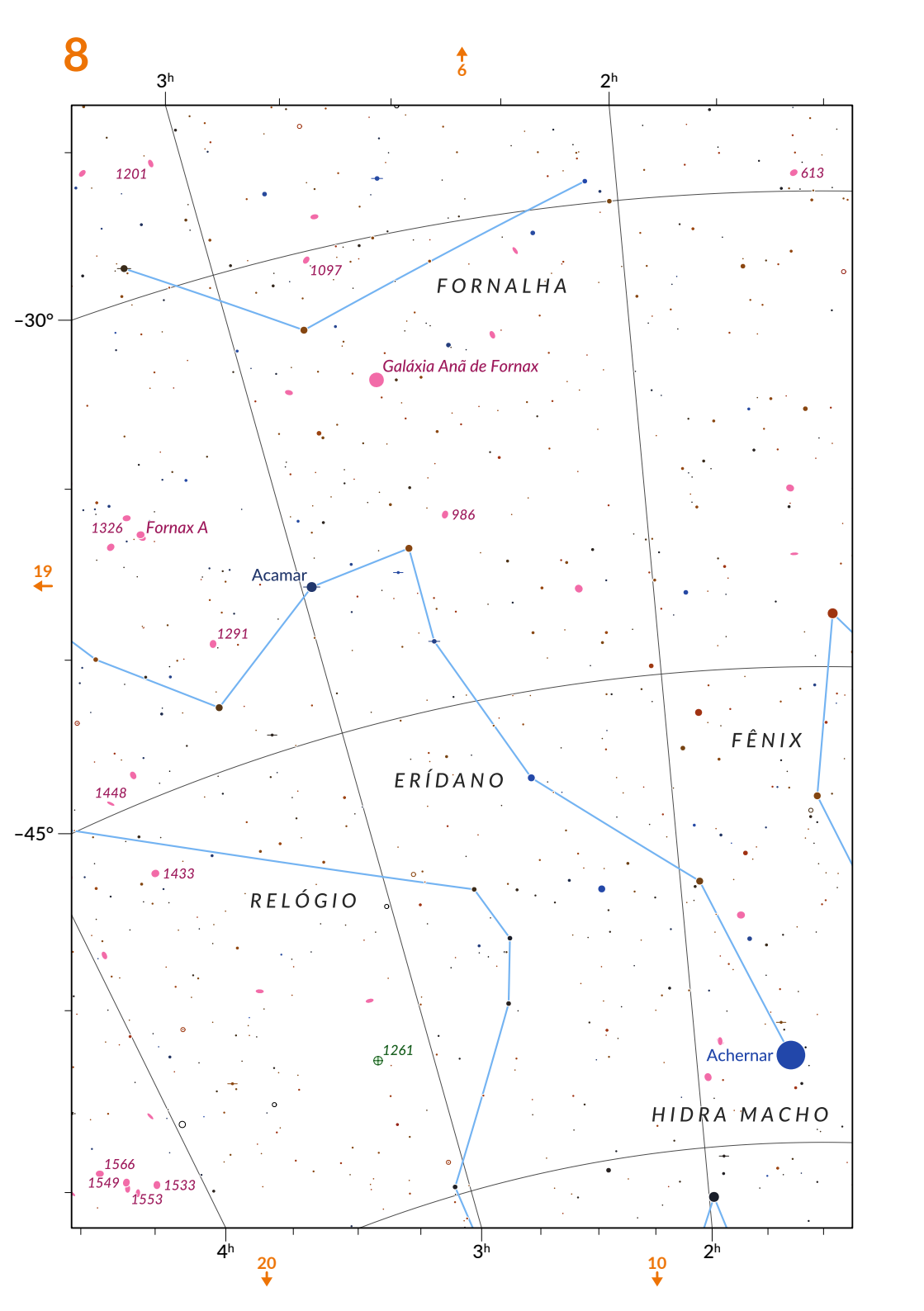

3
1
71
1h
0h
23h
225
189
129
IC 59
7795
M103
Ruchbah
Caph
IC 10
436
457 E.T.
CASSIOPEIA
7789 Rosa de Caroline
281 Pacman
Schedar
7686
+45°
185
147
278
72
7662 Bola de Neve Azul
M110
M31 Andrômeda
M32
ANDRÔMEDA
272
404
Mirach
+30°
M33 Triângulo
Alpheratz
PÉGASO
PEIXES
1h
0h
5

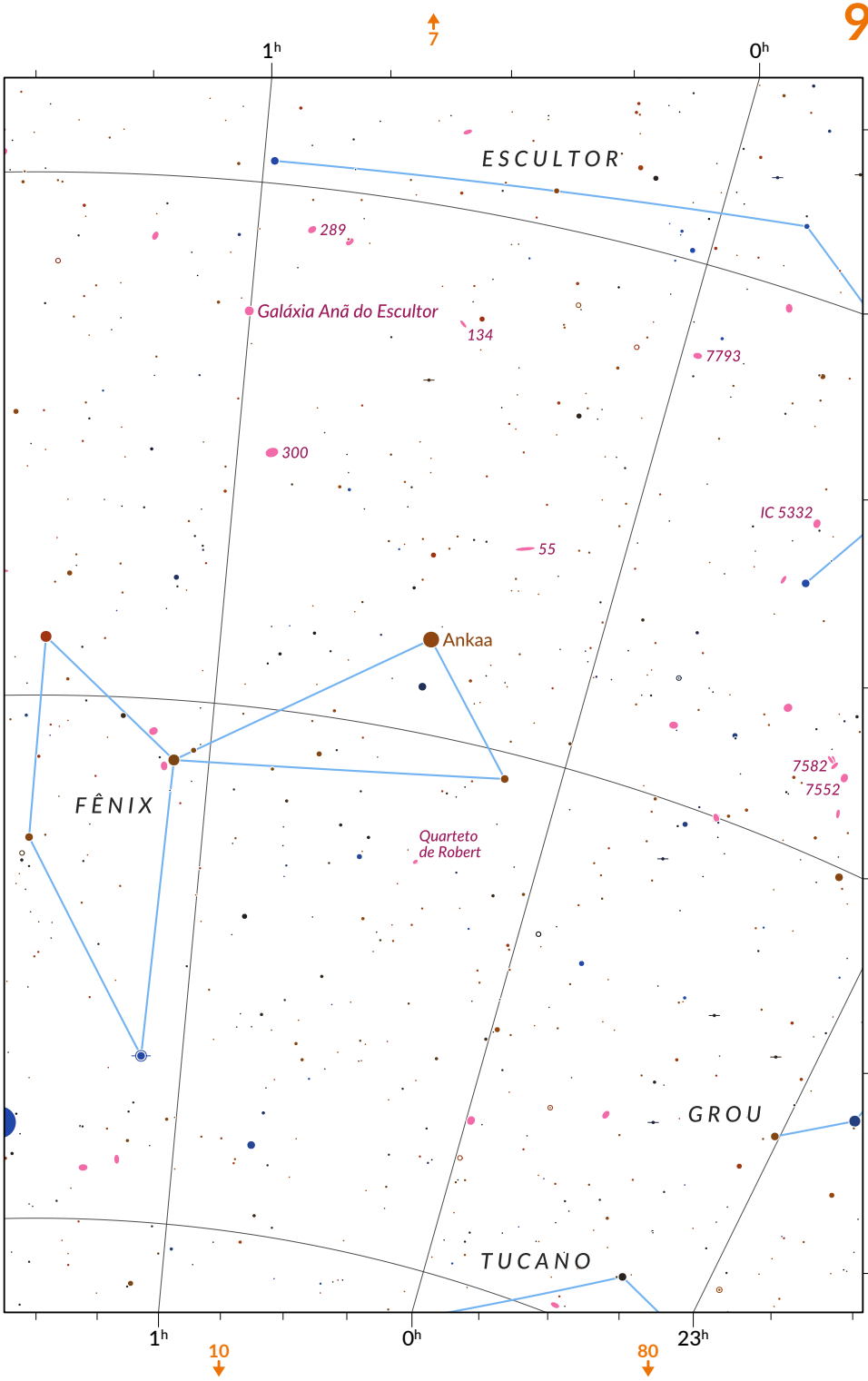

4
2
3h
2h
+30°
TRIÂNGULO
M33 Triângulo
672
ÁRIES
Hamal
Sheratan
772
15
+15°
M74 Fantasma
ECLÍPTICA
821
PEIXES
864
BALEIA
Menkar
1073
1055
M77
1087
936
Mira
0°
3h
2h
6

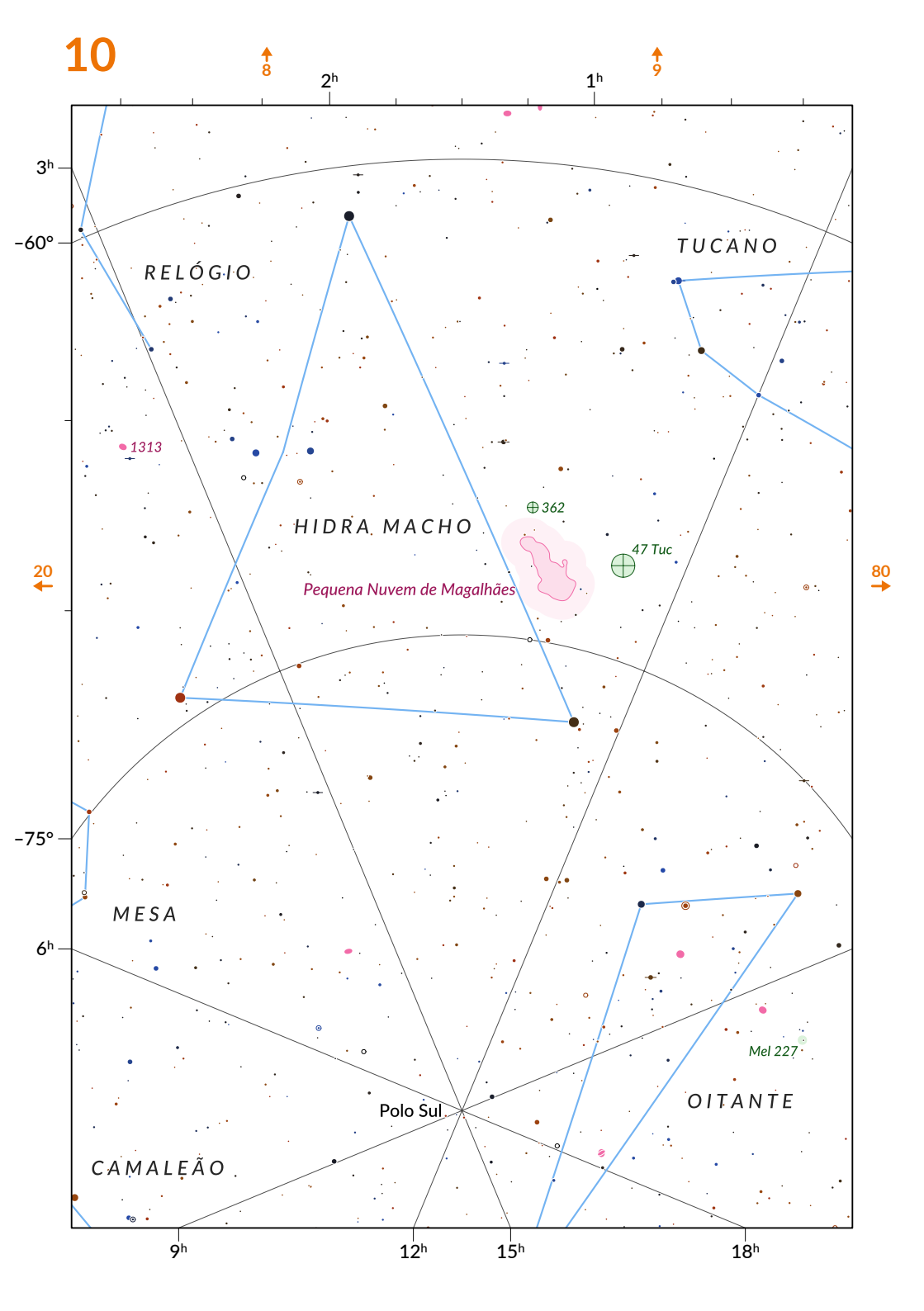

5
3
1h
0h
+30°
M33 Triângulo
Alpheratz
PÉGASO
ANDRÔMEDA
74
PEIXES
7814
Algenib
+15°
524
ECLÍPTICA
2035
2034
2033
2032
2031
2030
2029
2028
488
IC 1613
Netuno
0°
1h
0h
7


6
3h
4
2h
0°
1073
1055
1087
M77
936
Mira
BALEIA
584
596
1084
1052
988
17
720
−15°
ERÍDANO
1232
1232B
908
578
1187
1255
1201
FORNALHA
613
−30°
1097
3h
8
2h

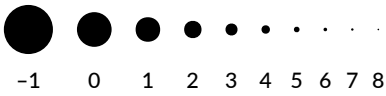

7
5
1h
0h
IC 1613
2030
2029
2028
Netuno
0°
584
596
157
246 Caveira
BALEIA
76
210
−15°
Diphda
247
578
45
253 Escultor
288
ESCULTOR
289
−30°
1h
0h
9


8
6
3h
2h
1201
613
1097
FORNALHA
−30°
Galáxia Anã de Fornax
986
1326
Fornax A
19
Acamar
1291
FÊNIX
ERÍDANO
1448
−45°
1433
RELÓGIO
1261
Achernar
HIDRA MACHO
1566
1549
1533
1553
4h
3h
2h
20
10


9
7
1h
0h
ESCULTOR
289
Galáxia Anã do Escultor
134
7793
300
IC 5332
55
−30°
78
Ankaa
7582
7552
FÊNIX
Quarteto
de Robert
−45°
GROU
TUCANO
1h
0h
23h
10
80


10
8
2h
1h
9
3h
−60°
RELÓGIO
TUCANO
1313
HIDRA MACHO
362
47 Tuc
20
Pequena Nuvem de Magalhães
80
−75°
MESA
6h
Mel 227
Polo Sul
OITANTE
CAMALEÃO
9h
12h
15h
18h

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

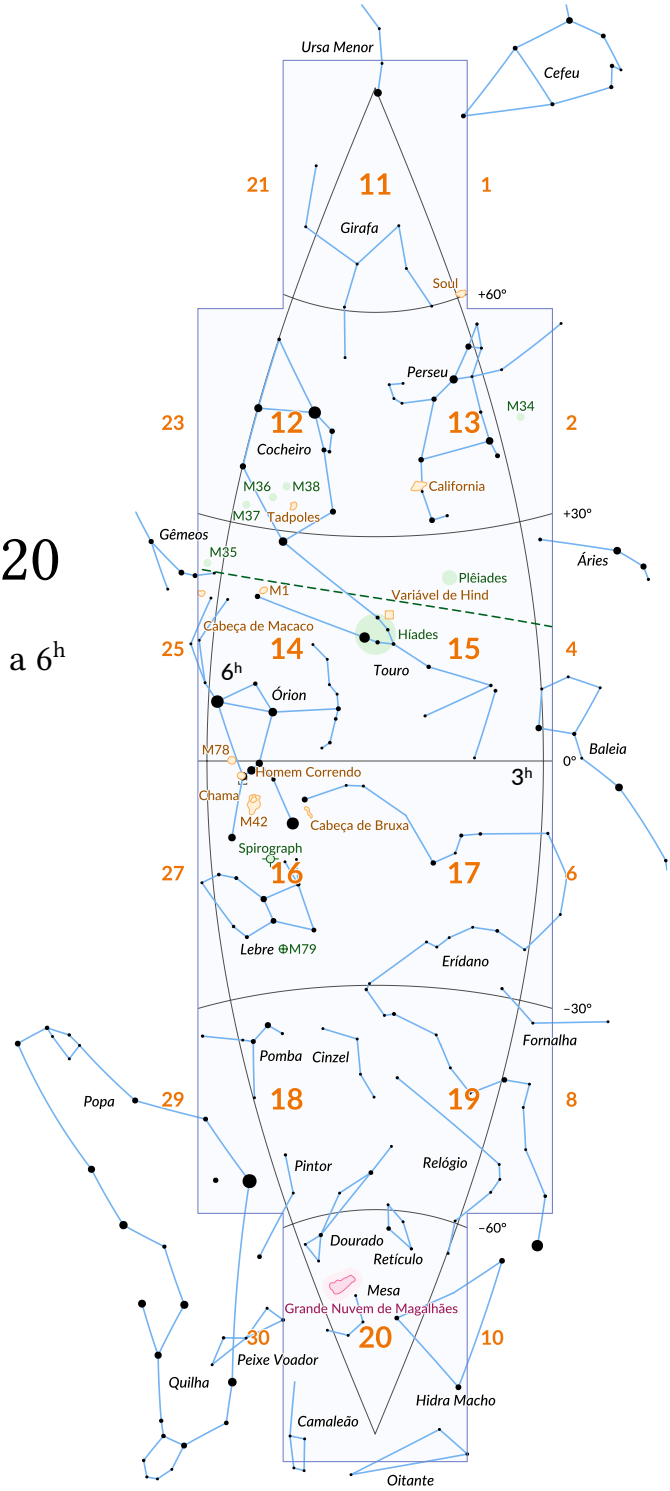
Nebulosa escura

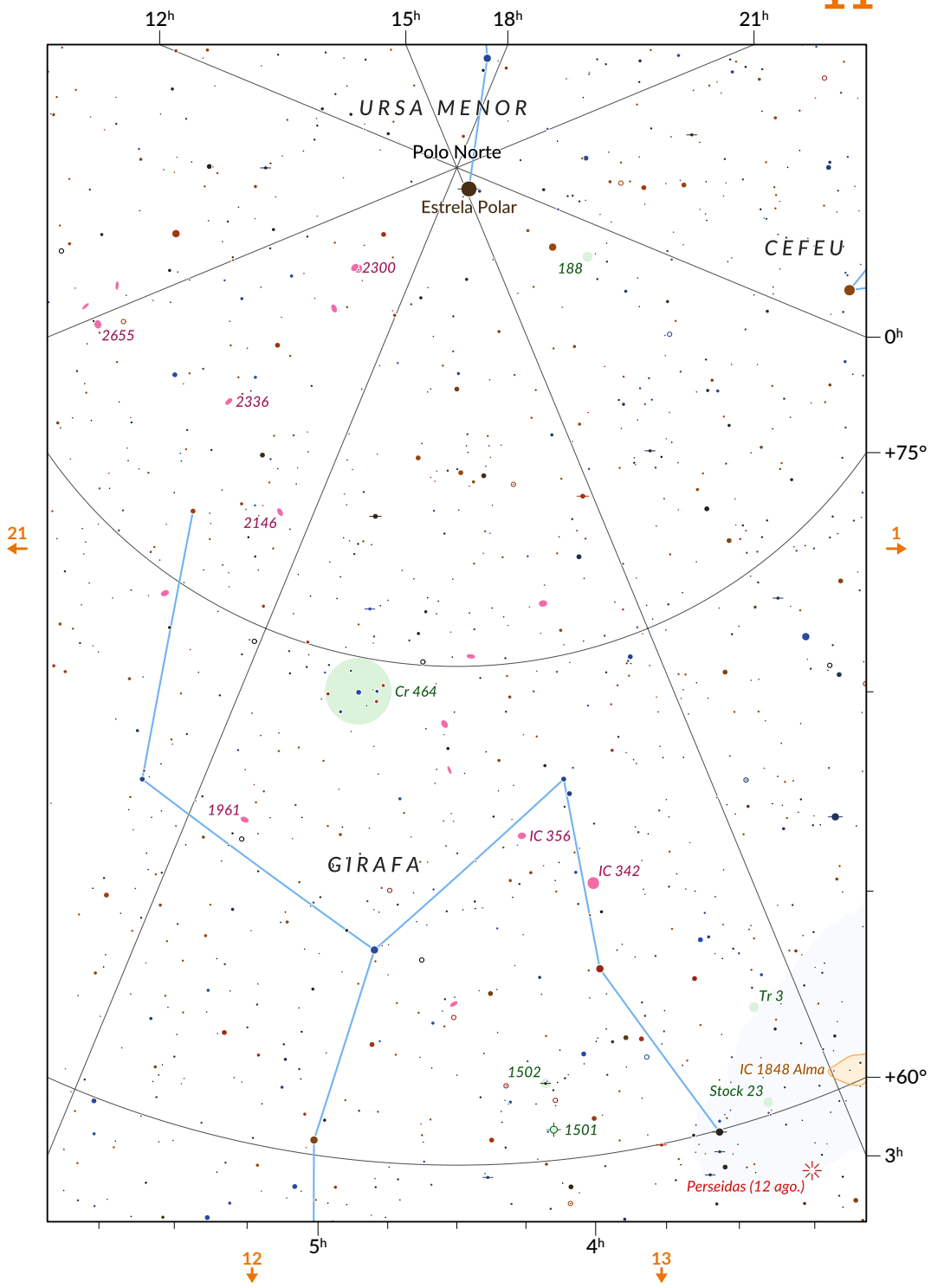
Nebulosa planetária

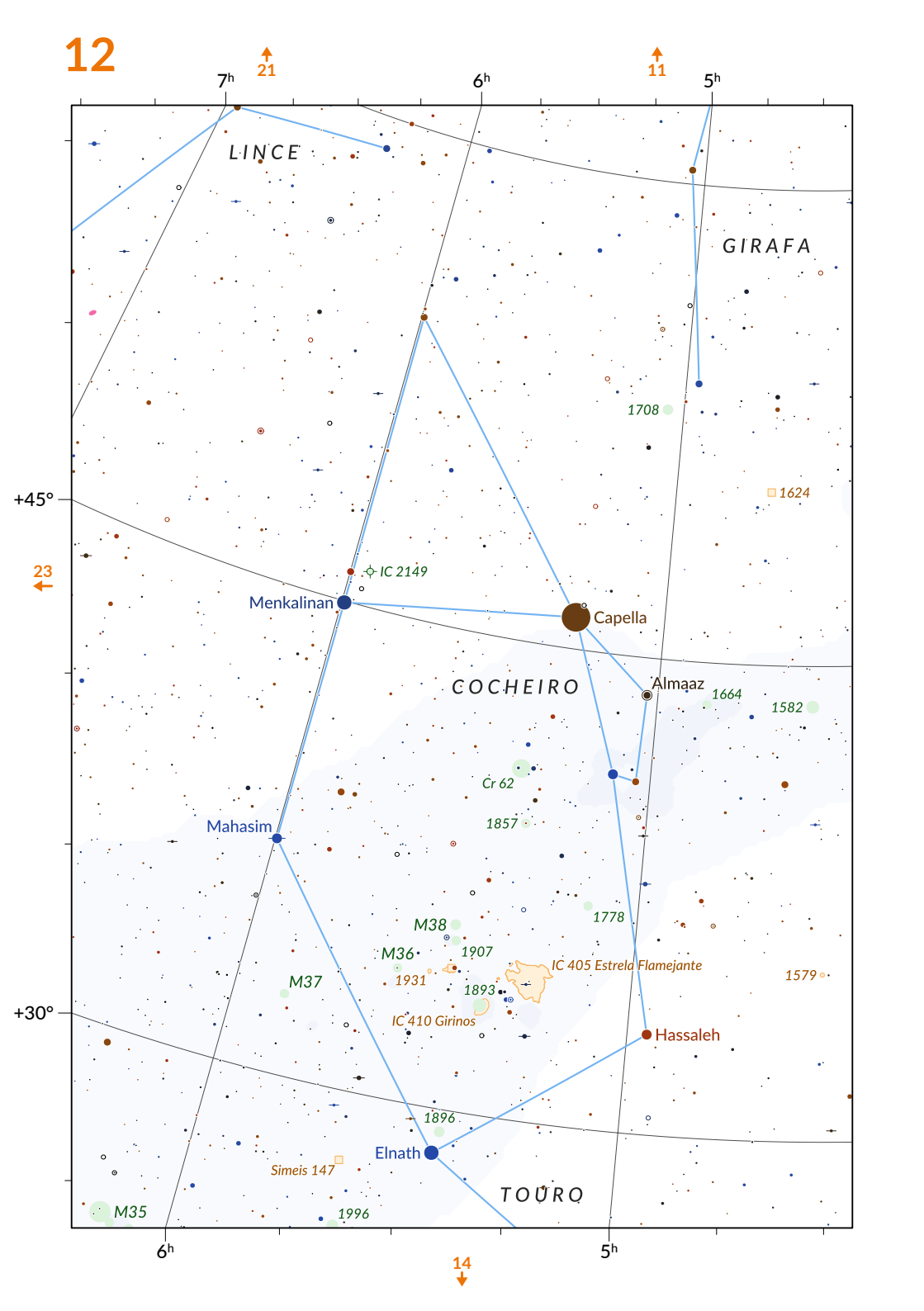
Cartas 11–20

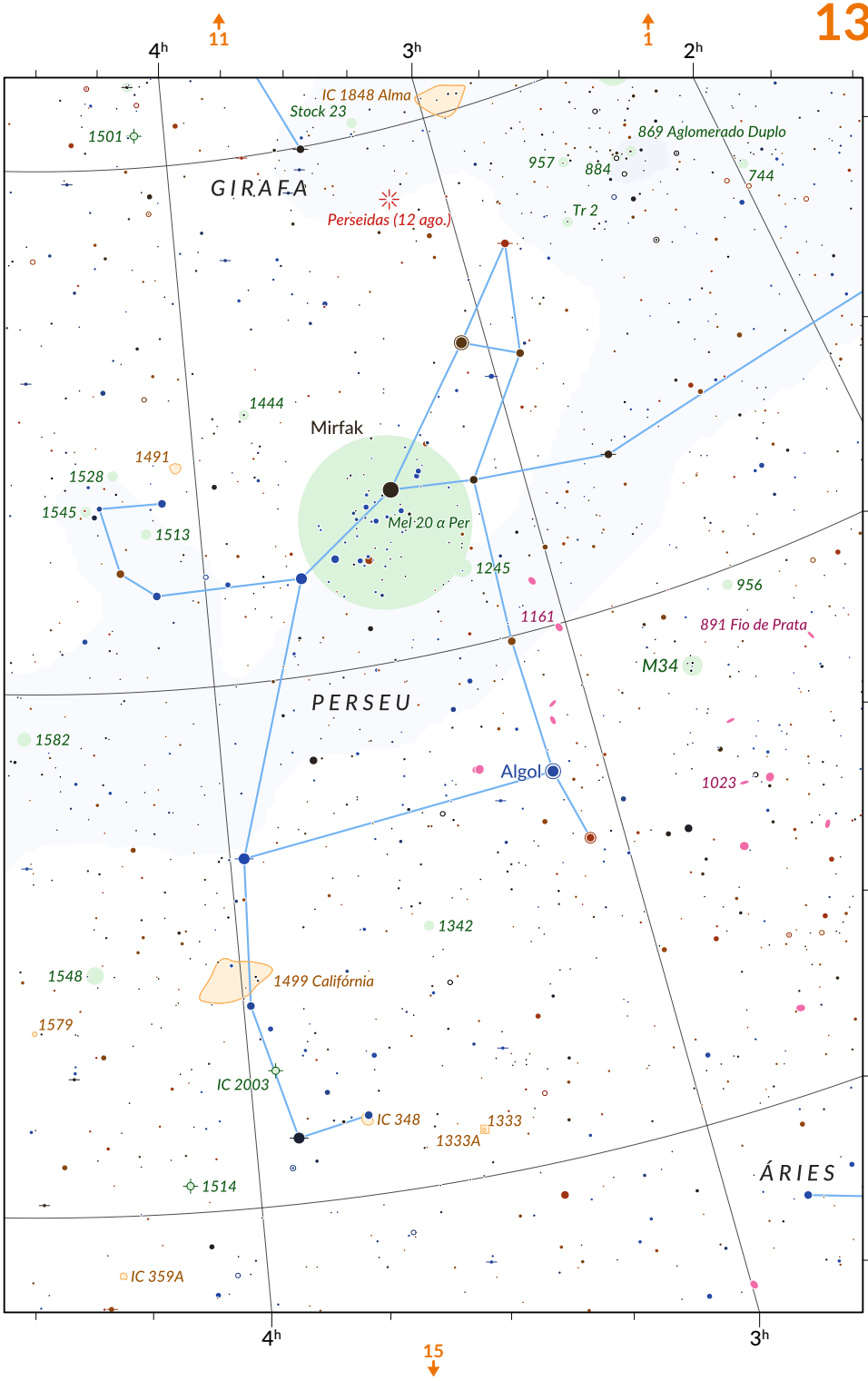
Ascensão reta de 3^h a 6^h

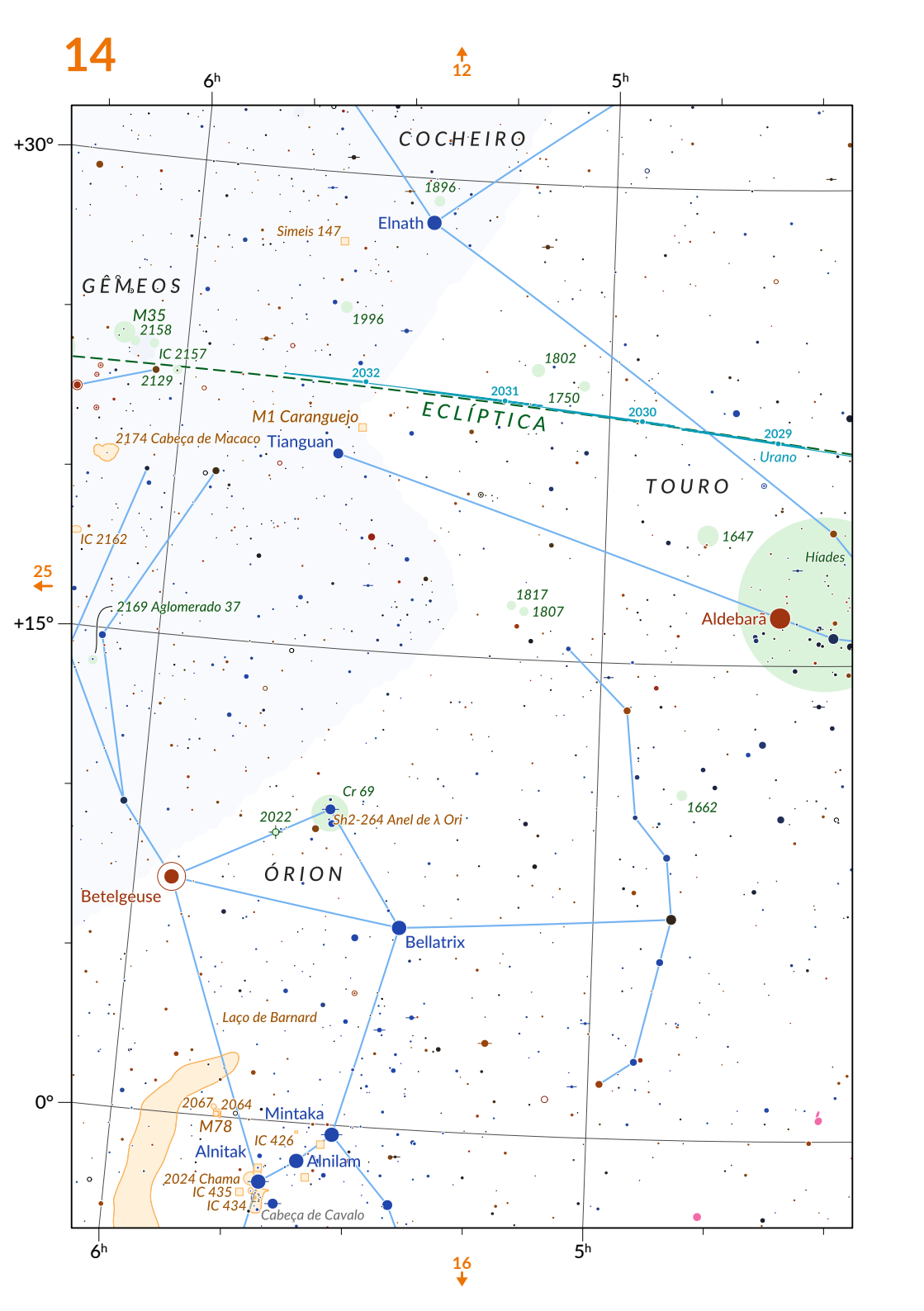
Janeiro

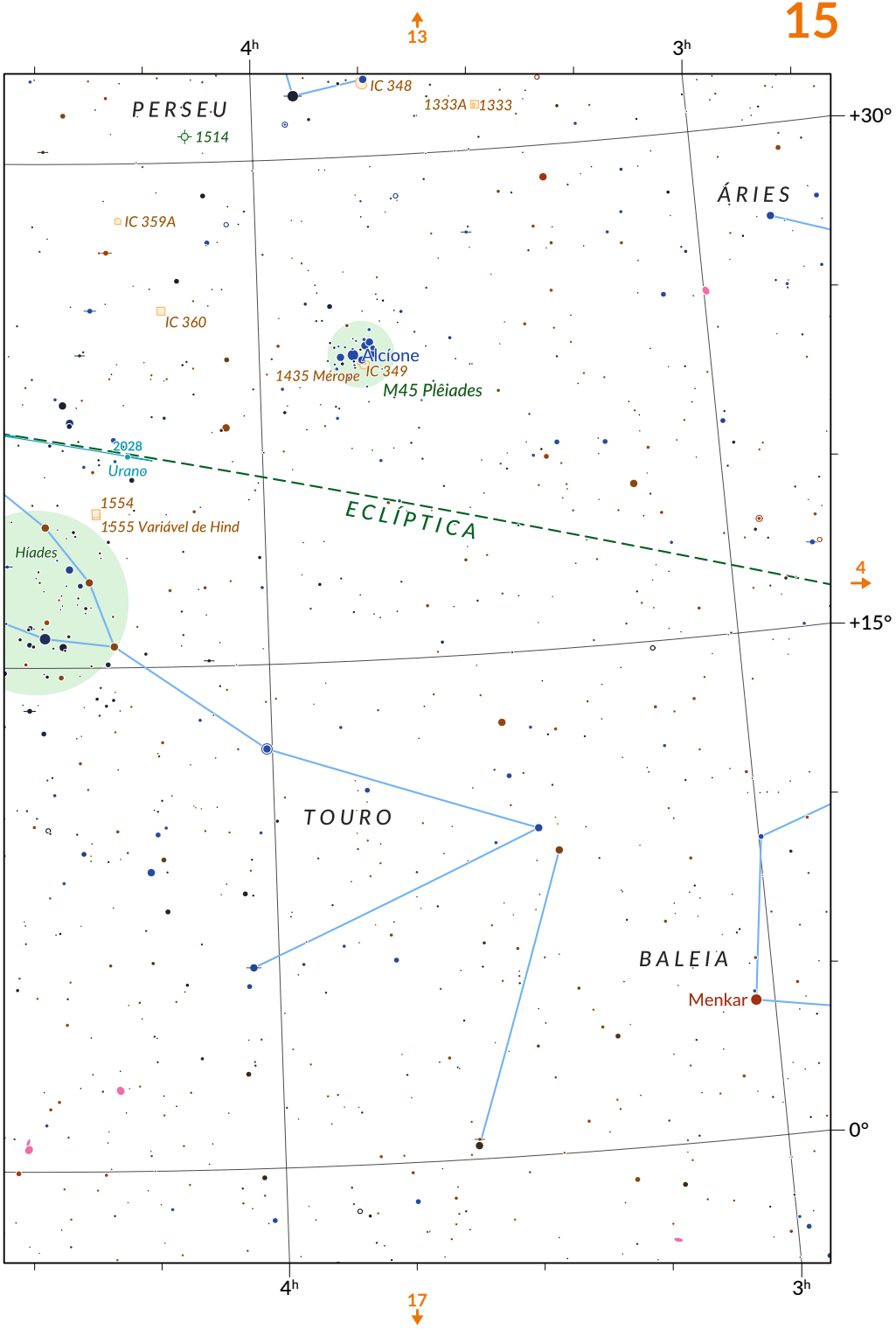


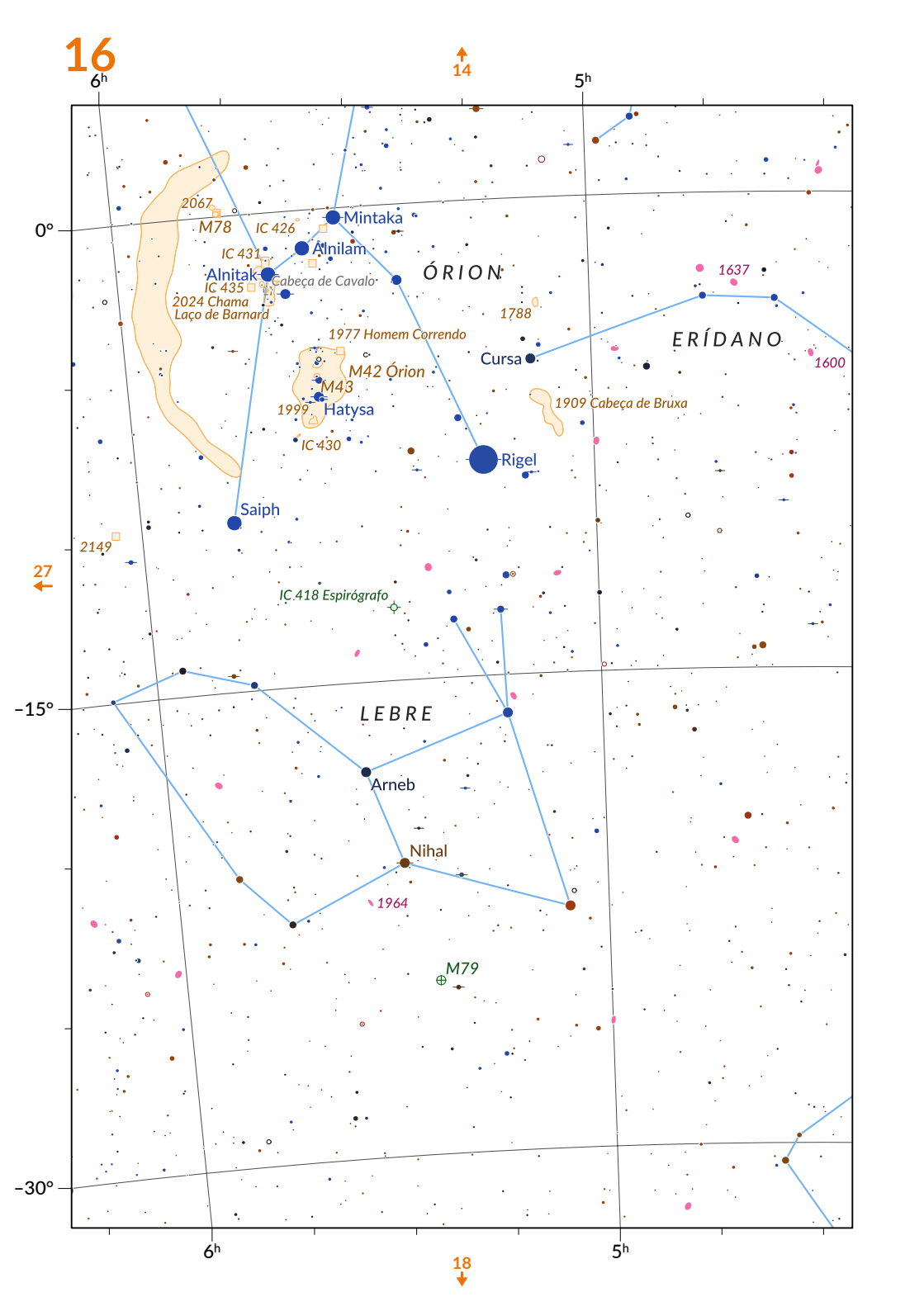

12h
15h
18h
21h
URSA MENOR
Polo Norte
Estrela Polar
CEFEU
2300
188
2655
2336
2146
0h
+75°
21
1
Cr 464
1961
GIRAFA
IC 356
IC 342
Tr 3
1502
IC 1848 Alma
Stock 23
1501
+60°
3h
Perseidas (12 ago.)
5h
4h
12
13

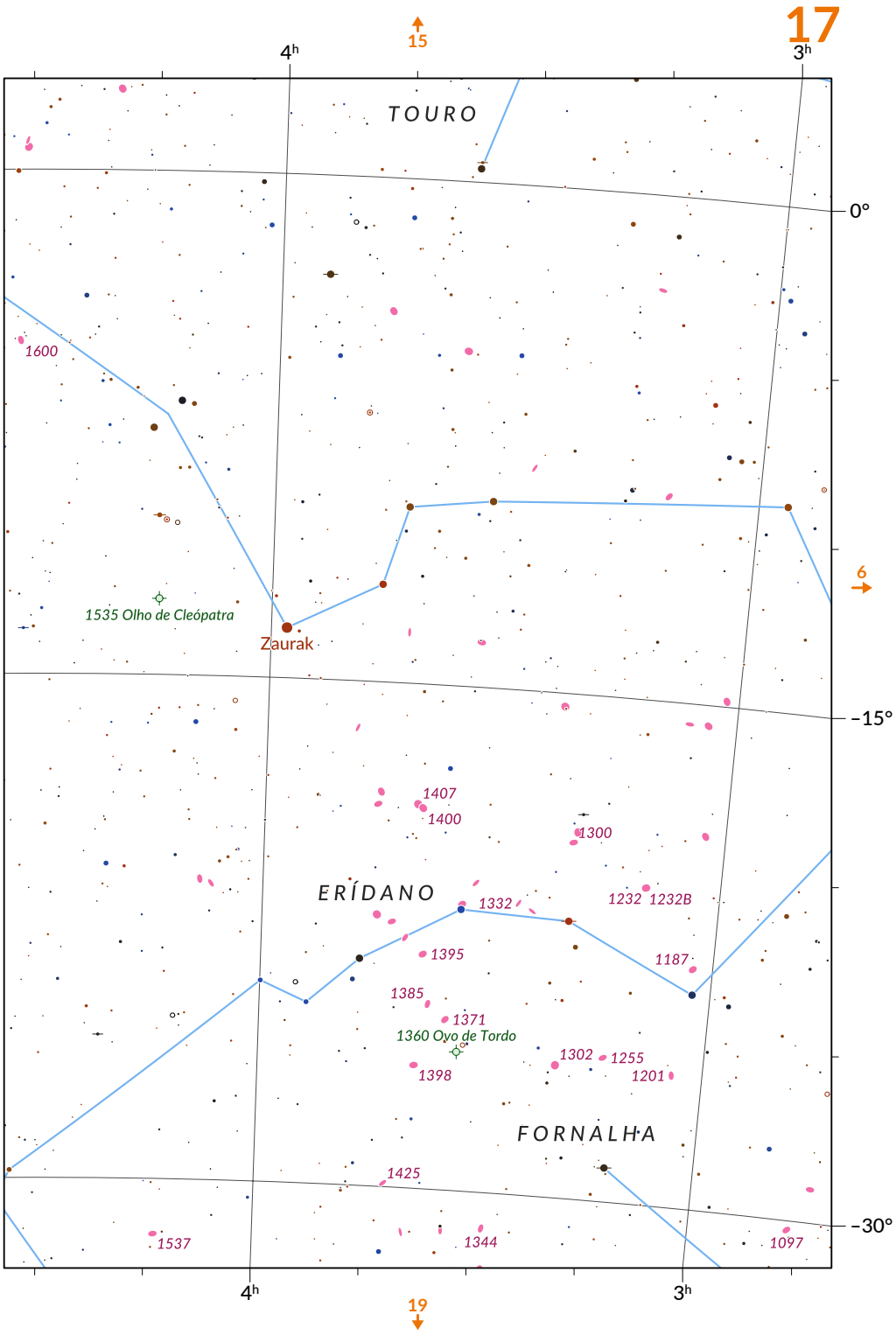

12
21
11
7h
6h
5h
LINCE
GIRAFA
1708
+45°
1624
23
IC 2149
Menkalinan
Capella
COCHEIRO
Almaaz
1664
1582
Cr 62
1857
Mahasim
1778
M38
M36
1907
IC 405 Estrela Flamejante
M37
1931
1893
1579
IC 410 Girinos
+30°
Hassaleh
1896
Elnath
Simeis 147
TOURO
M35
1996
6h
5h
14

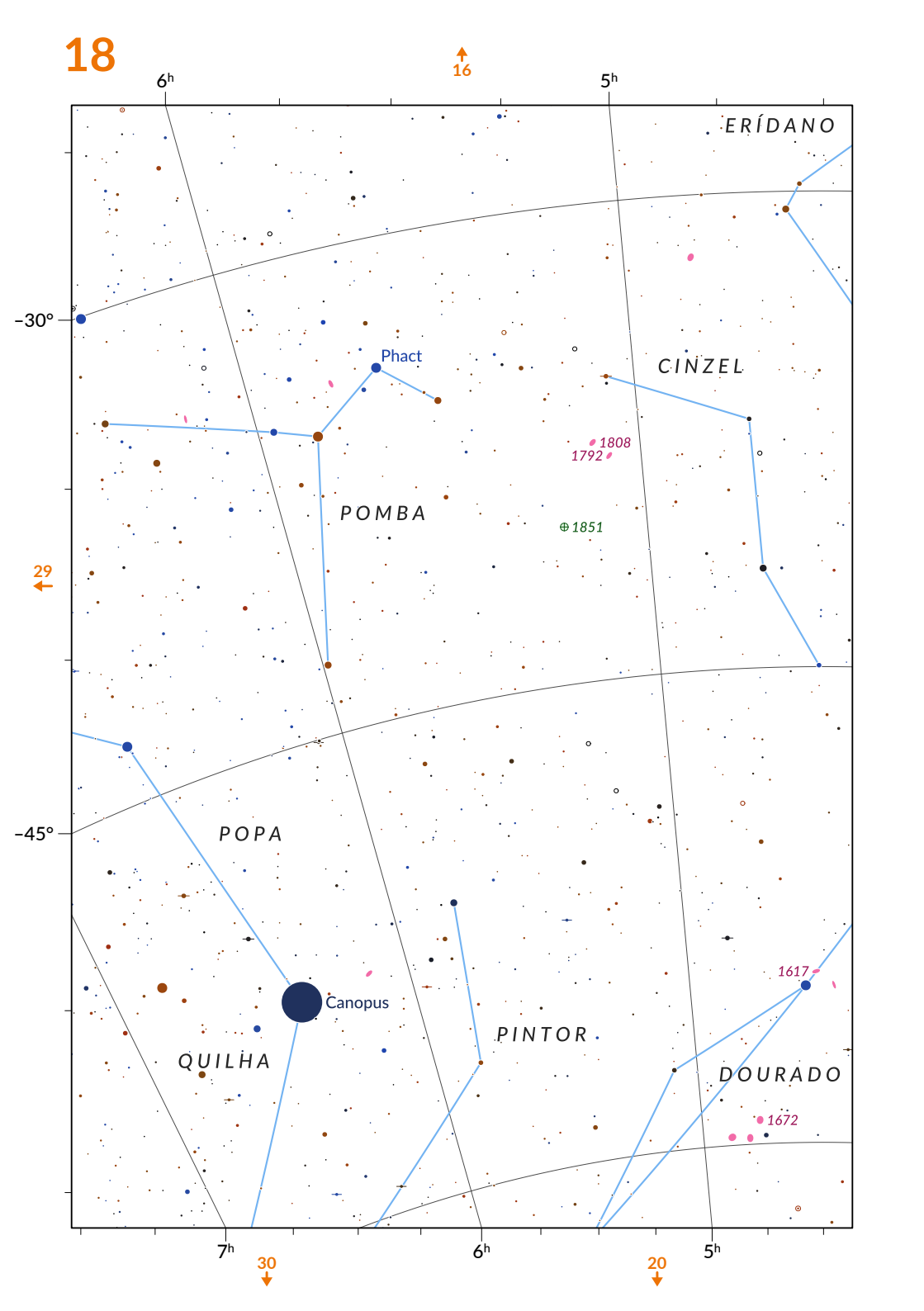

13
11
1
2
15
4h
3h
2h
+45°
+30°
GIRAFA
PERSEU
ÁRIES
IC 1848 Alma
Stock 23
1501
869 Aglomerado Duplo
957
884
744
Tr 2
Perseidas (12 ago.)
1444
Mirfak
1491
1528
1545
1513
Mel 20 α Per
1245
956
1161
891 Fio de Prata
M34
1582
Algol
1023
1342
1548
1499 Califórnia
1579
IC 2003
IC 348
1333
1333A
1514
IC 359A

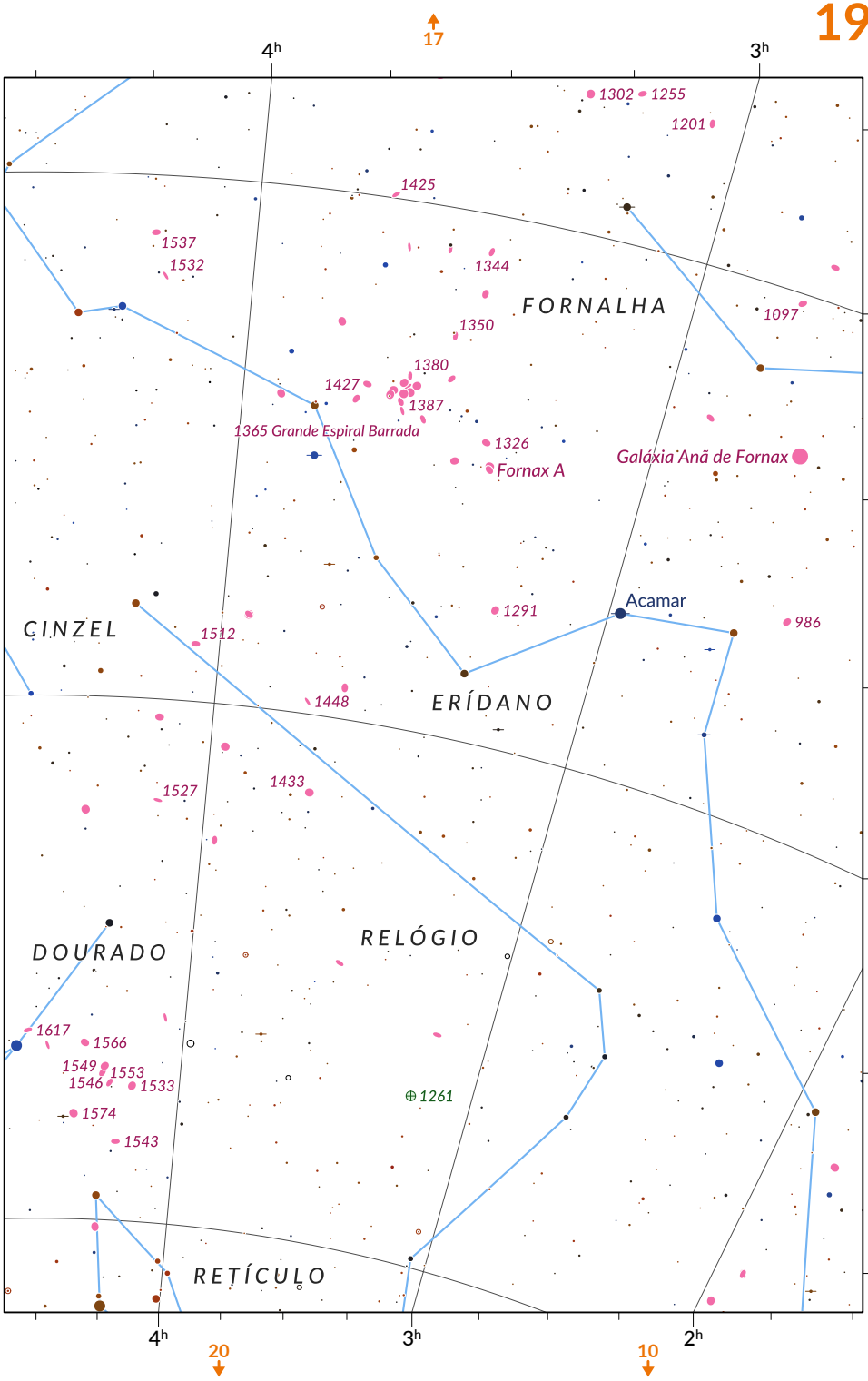

14
12
6h
5h
+30°
+15°
0°
25
16
COCHEIRO
GÊMEOS
ÓRION
TOURO
ECLÍPTICA
Elnath
Simeis 147
1896
M35
2158
IC 2157
2129
1996
1802
2032
2031
1750
2030
2029
Urano
M1 Caranguejo
2174 Cabeça de Macaco
Tianguan
IC 2162
1647
Híades
2169 Aglomerado 37
1817
1807
Aldebarã
Cr 69
2022
Sh2-264 Anel de λ Ori
1662
Betelgeuse
Bellatrix
Laço de Barnard
2067
2064
Mintaka
M78
IC 426
Alnitak
Alnilam
2024 Chama
IC 435
IC 434
Cabeça de Cavalo

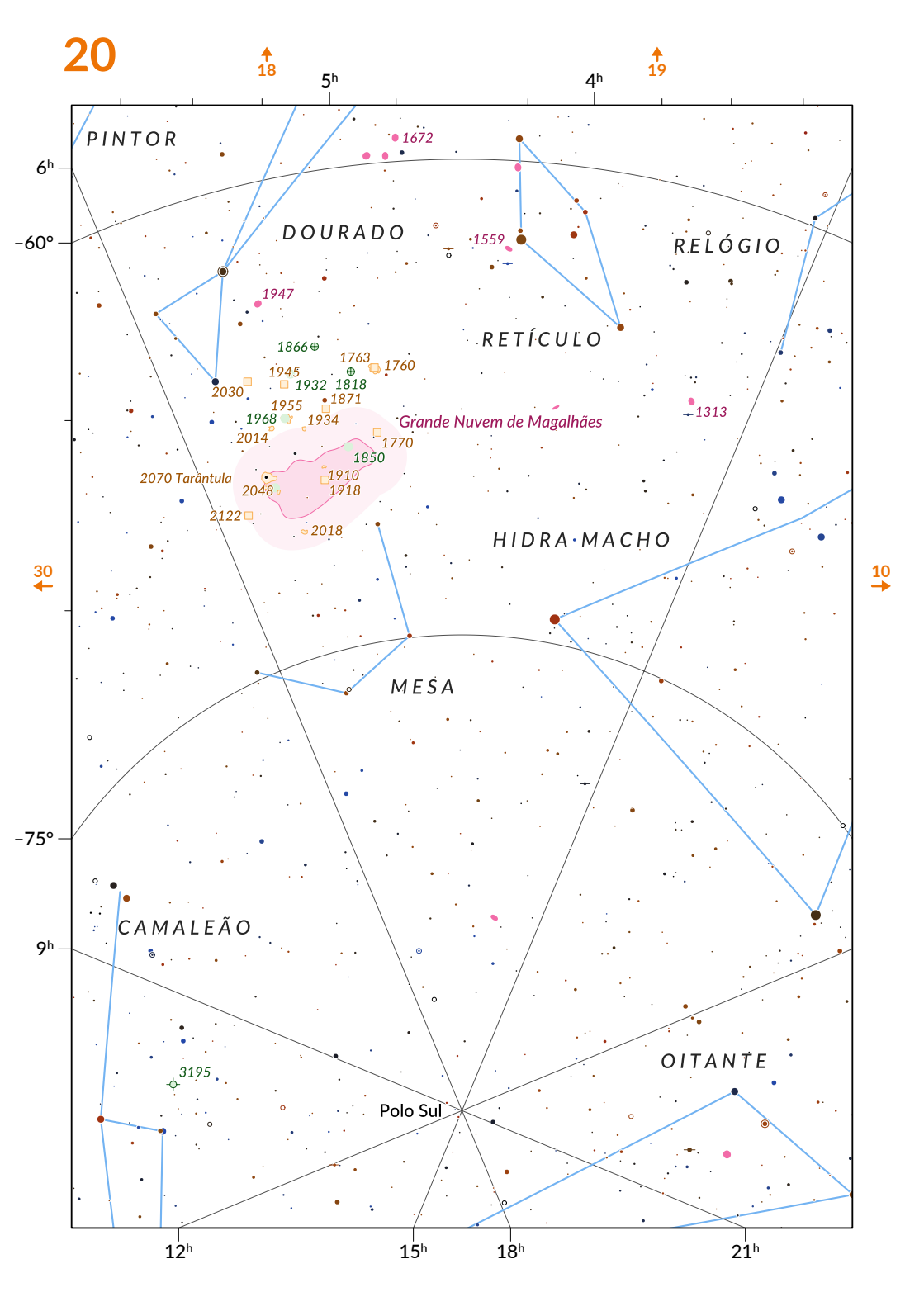

13
4h
3h
PERSEU
1514
IC 348
1333A
1333
+30°
ÁRIES
IC 359A
IC 360
Alcíone
1435 Mérope
IC 349
M45 Plêiades
2028
Urano
ECLÍPTICA
1554
1555 Variável de Hind
Híades
4
+15°
TOURO
BALEIA
Menkar
0°
4h
3h
17


16
14
6h
5h
0°
−15°
−30°
27
18
2067
M78
IC 426
Mintaka
IC 431
Alnilam
Alnitak
IC 435
Cabeça de Cavalo
2024 Chama
Laço de Barnard
ÓRION
1637
1788
1977 Homem Correndo
ERÍDANO
Cursa
1600
M42 Órion
M43
1999
Hatysa
1909 Cabeça de Bruxa
IC 430
Rigel
Saiph
2149
IC 418 Espirógrafo
LEBRE
Arneb
Nihal
1964
M79

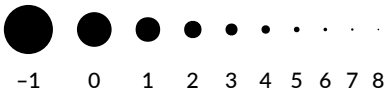

17
15
4h
3h
TOURO
0°
1600
6
1535 Olho de Cleópatra
Zaurak
−15°
1407
1400
1300
ERÍDANO
1332
1232
1232B
1395
1187
1385
1371
1360 Oyo de Tordo
1302
1255
1398
1201
FORNALHA
1425
1537
1344
1097
−30°
4h
3h
19


18
16
6h
5h
ERÍDANO
−30°
Phact
CINZEL
1808
1792
POMBA
1851
29
−45°
POPA
1617
Canopus
PINTOR
QUILHA
DOURADO
1672
7h
6h
5h
30
20


17
4h
3h
1302
1255
1201
1425
1537
1532
1344
FORNALHA
1097
−30°
1350
1380
1427
1387
1365 Grande Espiral Barrada
1326
Fornax A
Galáxia Anã de Fornax
8
Acamar
CINZEL
1291
986
1512
1448
ERÍDANO
1433
1527
−45°
RELÓGIO
DOURADO
1617
1566
1549
1553
1546
1533
1574
1543
1261
RETÍCULO
4h
3h
2h
20
10


20
18
19
5h
4h
PINTOR
6h
−60°
DOURADO
RELÓGIO
RETÍCULO
1672
1559
1947
1866
1763
1760
1945
1932
1818
1871
2030
1955
1968
1934
2014
Grande Nuvem de Magalhães
1313
1770
1850
2070 Tarântula
1910
2048
1918
2122
2018
HIDRA·MACHO
30
10
MESA
−75°
CAMALEÃO
9h
3195
Polo Sul
OITANTE
12h
15h
18h
21h

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

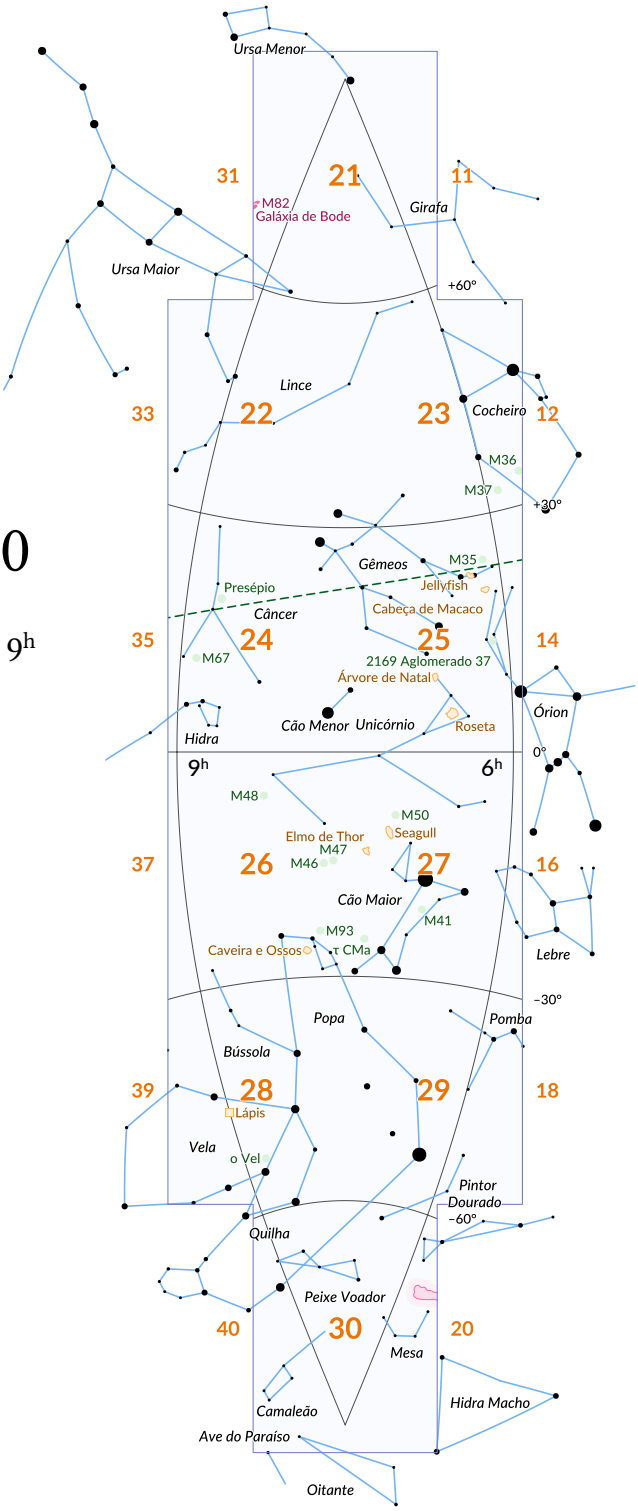
Nebulosa escura

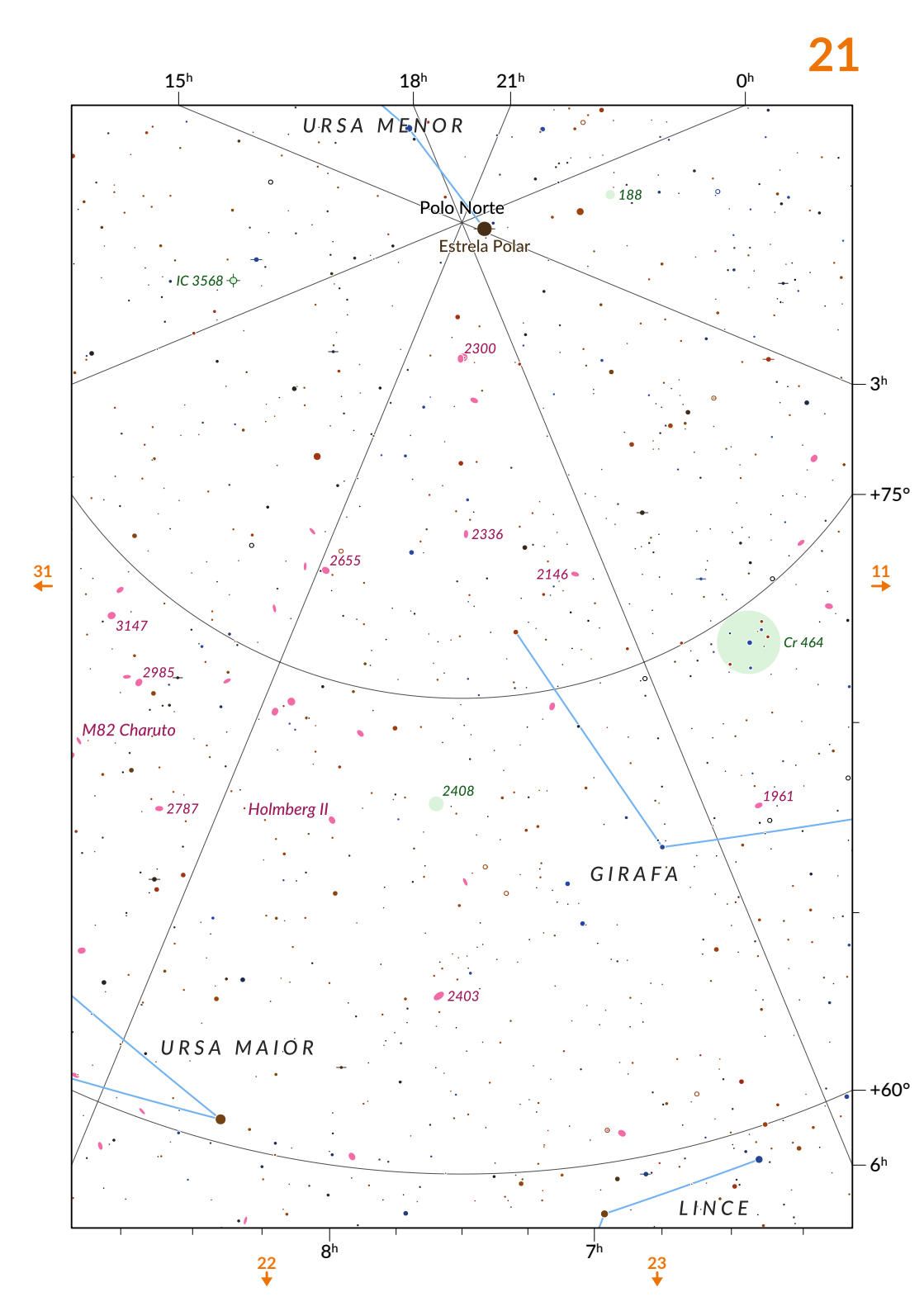
Nebulosa planetária

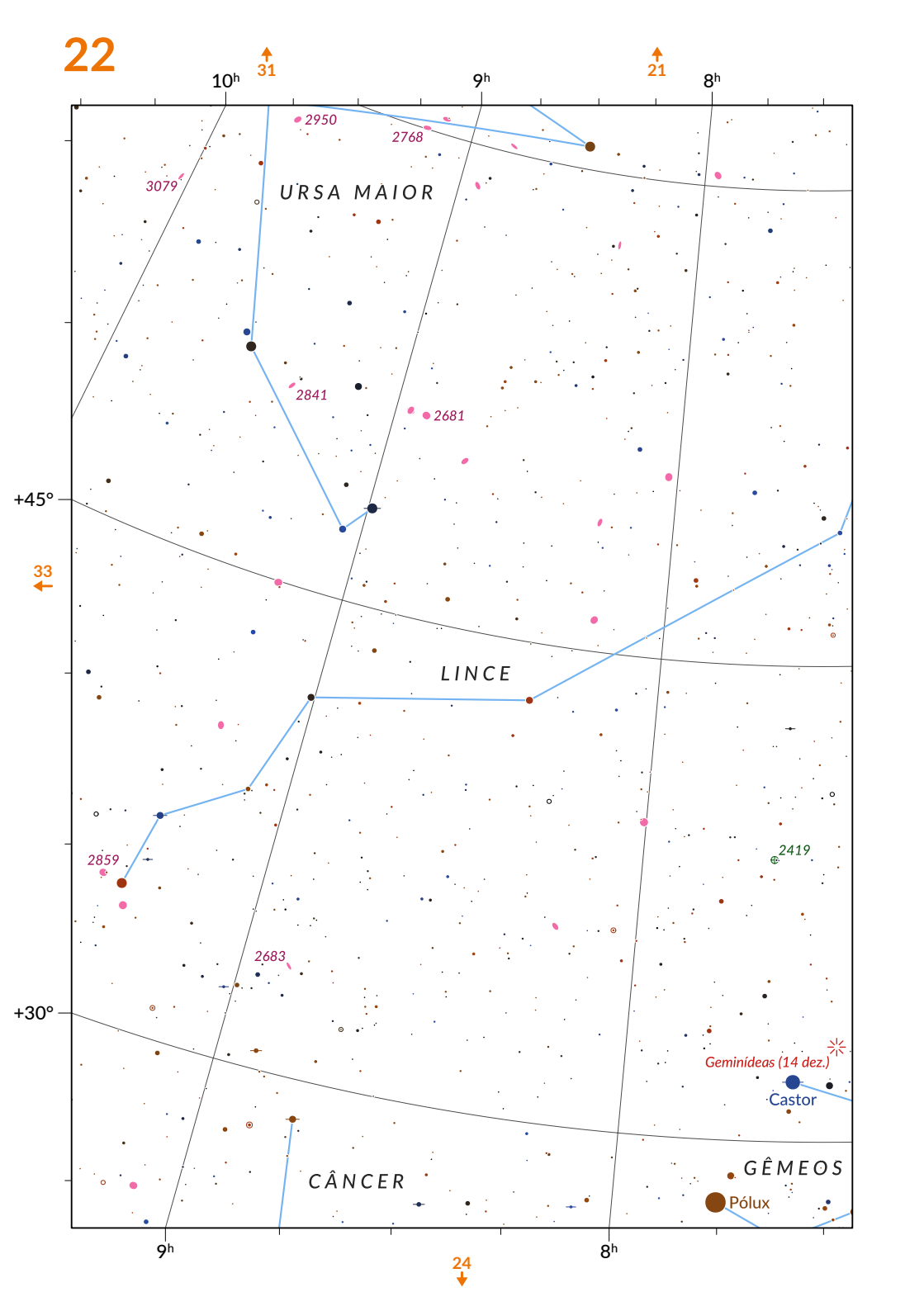
Cartas 21–30

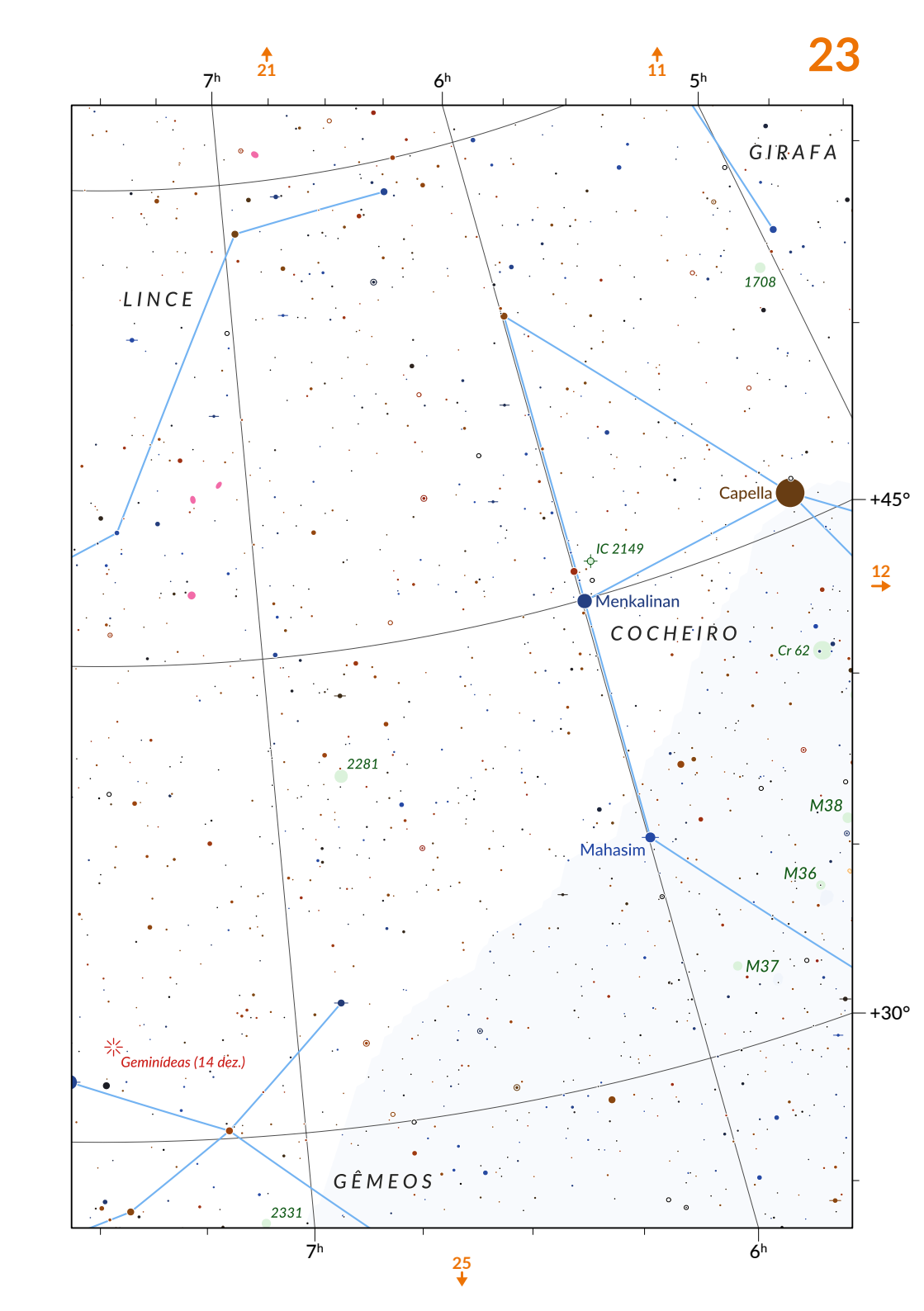
Ascensão reta de 6^h a 9^h

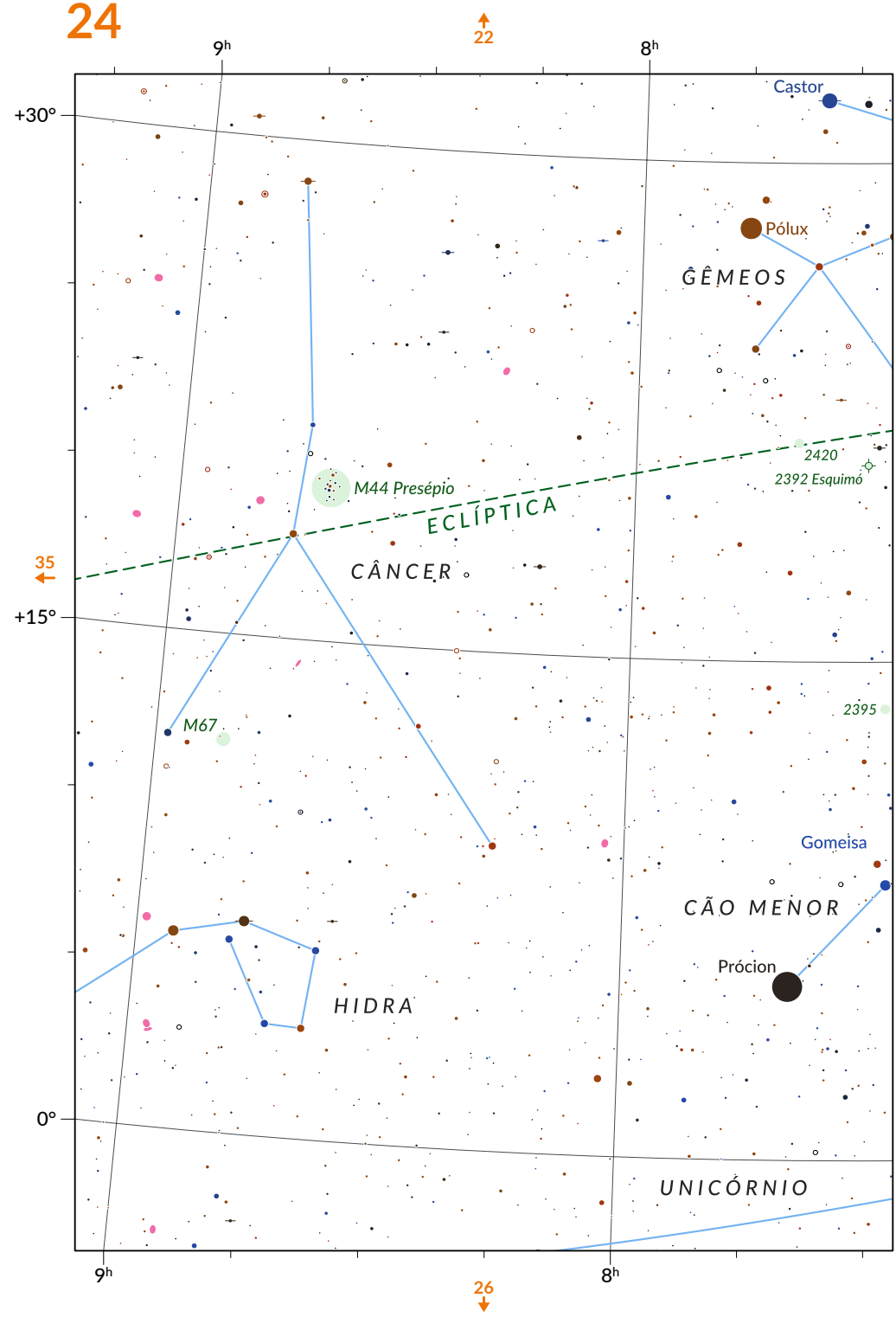
Fevereiro/março

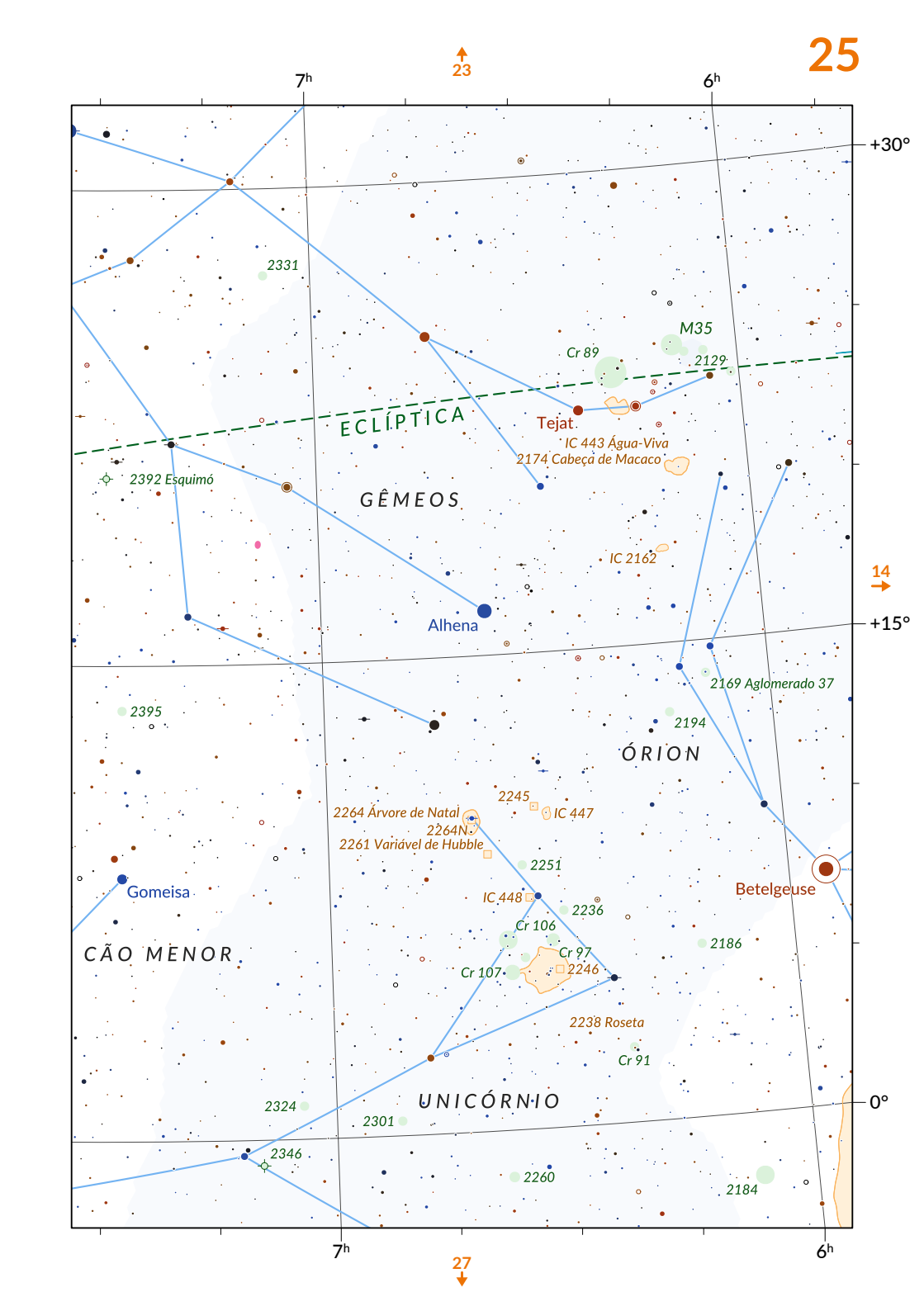


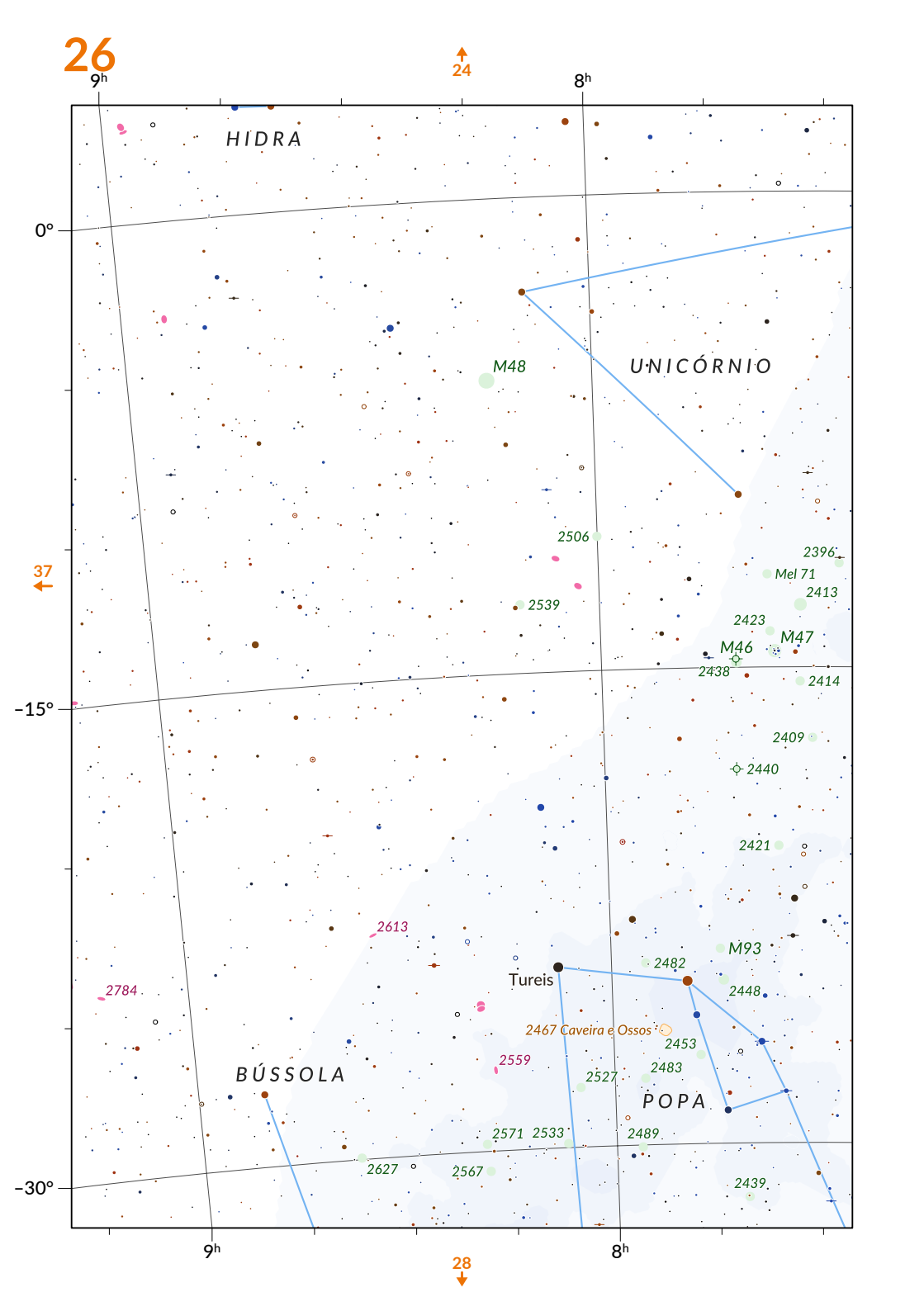

15h
18h
21h
0h
URSA MENOR
Polo Norte
Estrela Polar
188
IC 3568
2300
3h
+75°
2336
2655
2146
31
11
3147
Cr 464
2985
M82 Charuto
2408
1961
2787
Holmberg II
GIRAFA
2403
URSA MAIOR
+60°
6h
LINCE
8h
7h
22
23

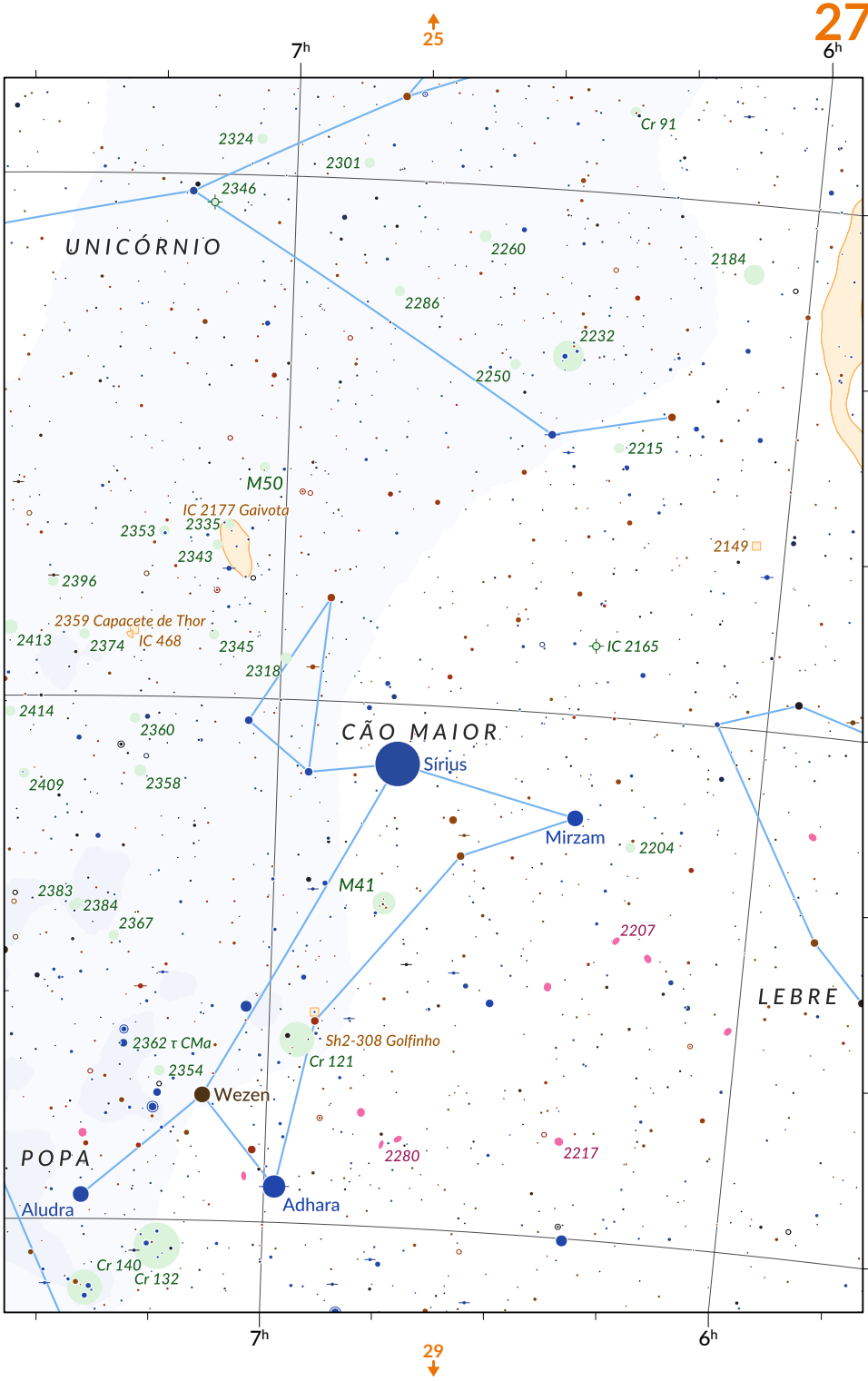

22
31
21
10h
9h
8h
2950
2768
3079
URSA MAIOR
2841
2681
+45°
33
LINCE
2859
2419
2683
+30°
Geminídeas (14 dez.)
Castor
GÊMEOS
CÂNCER
Pólux
9h
8h
24

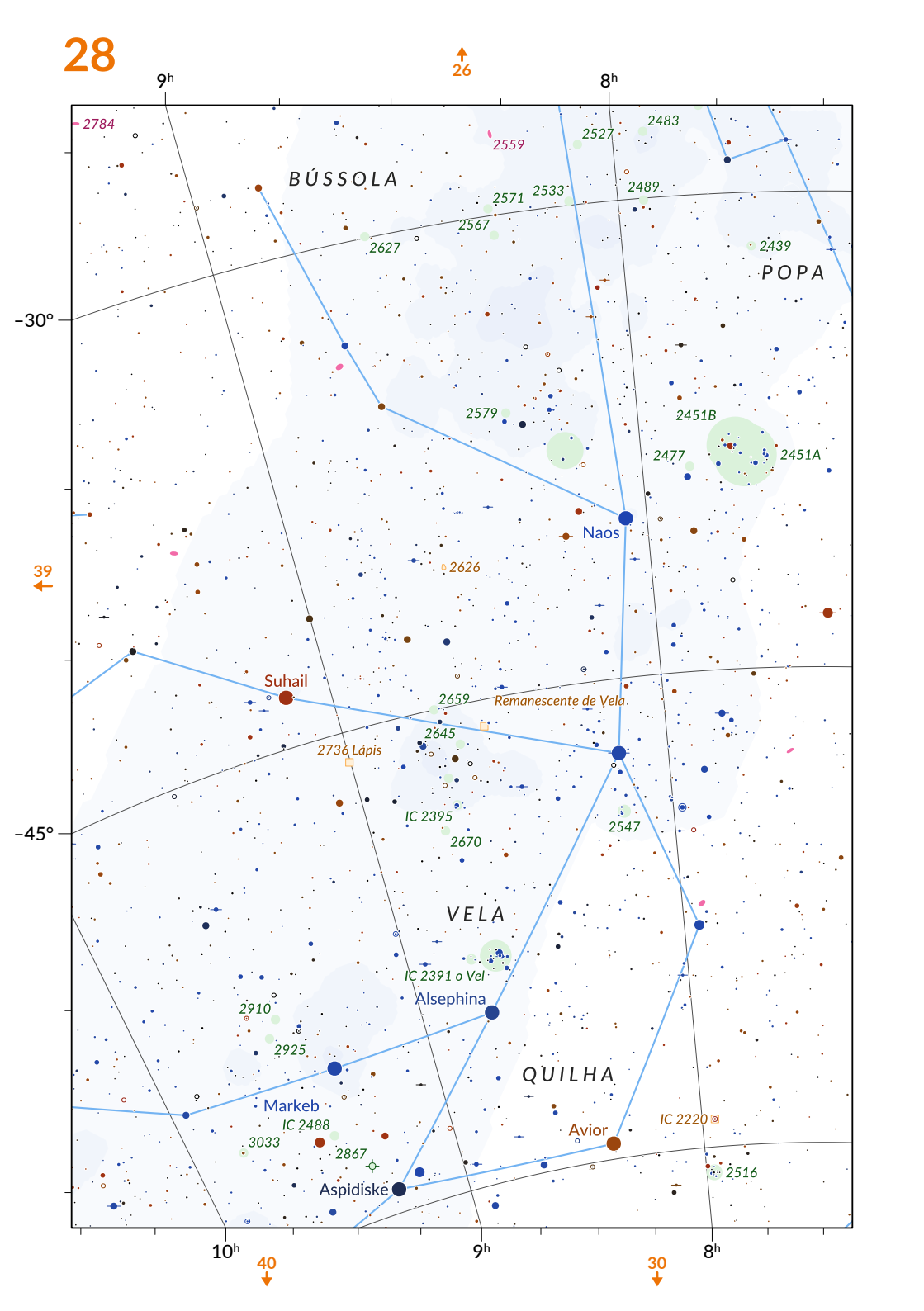

23
7h
21
6h
11
5h
GIRAFA
LINCE
1708
Capella
+45°
IC 2149
12
Menkalinan
COCHEIRO
Cr 62
2281
M38
Mahasim
M36
M37
+30°
Geminídeas (14 dez.)
GÊMEOS
2331
7h
25
6h

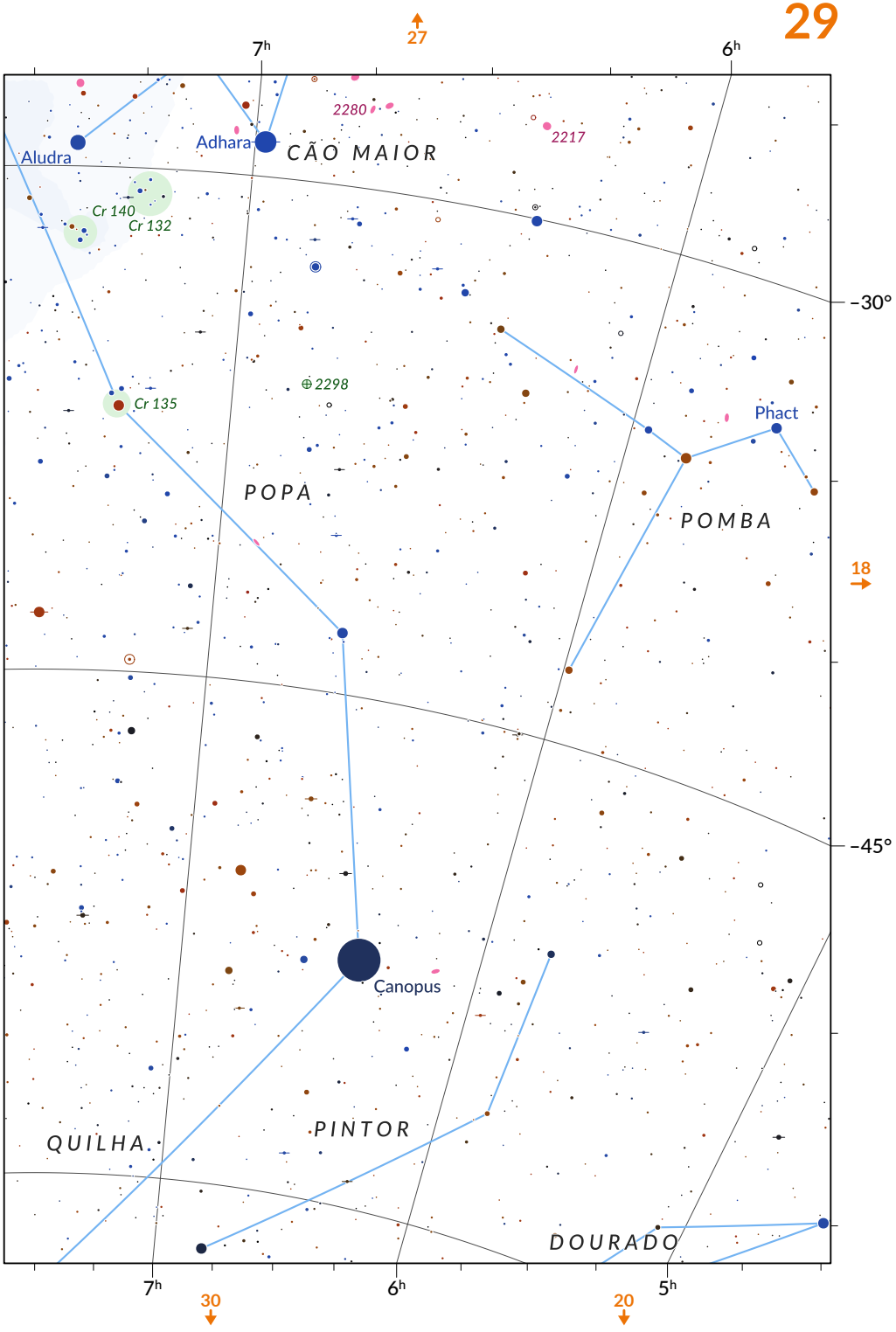

22
9h
8h
+30°
Castor
Pólux
GÊMEOS
2420
2392 Esquimó
M44 Presépio
ECLÍPTICA
35
CÂNCER
+15°
2395
M67
Gomeisa
CÃO MENOR
Prócion
HIDRA
0°
UNICÓRNIO
9h
8h
26

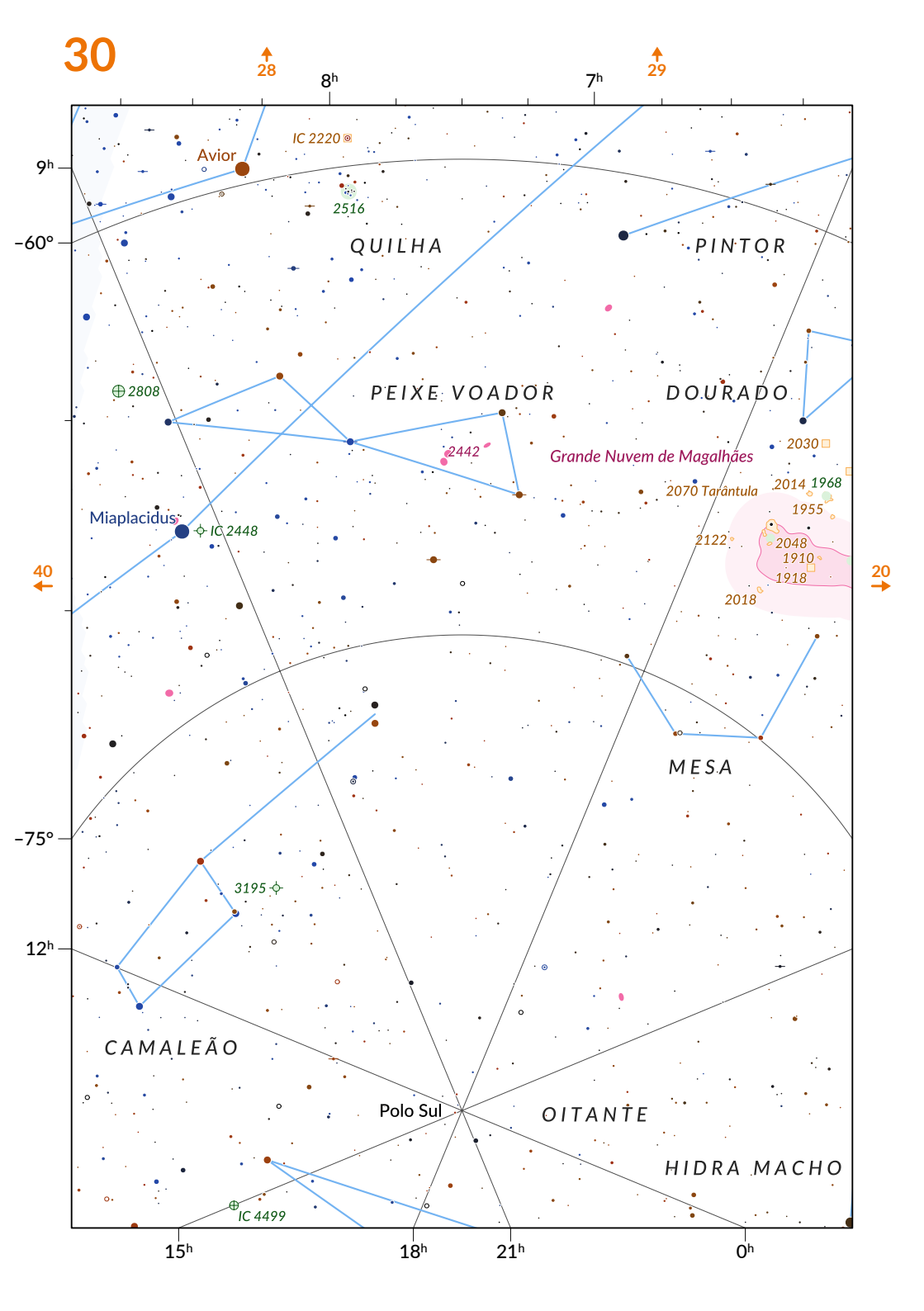

25
23
7h
6h
+30°
2331
M35
Cr 89
2129
ECLÍPTICA
Tejat
IC 443 Água-Viva
2174 Cabeça de Macaco
2392 Esquimó
GÊMEOS
IC 2162
14
Alhena
+15°
2169 Aglomerado 37
2395
2194
ÓRION
2245
2264 Árvore de Natal
IC 447
2264N
2261 Variável de Hubble
2251
Gomeisa
Betelgeuse
IC 448
2236
Cr 106
2186
CÃO MENOR
Cr 97
Cr 107
2246
2238 Roseta
Cr 91
2324
UNICÓRNIO
0°
2301
2346
2260
2184
7h
6h
27


26
24
9h
8h
HIDRA
0°
M48
UNICÓRNIO
2506
37
2396
Mel 71
2413
2539
2423
M47
M46
2438
2414
−15°
2409
2440
2421
2613
M93
2482
Tureis
2784
2448
2467 Caveira e Ossos
2453
2559
2483
BÚSSOLA
2527
POPA
2571
2533
2489
2627
2567
2439
−30°
9h
8h
28

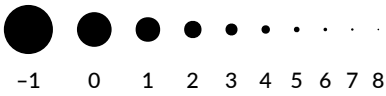

27
25
7h
6h
0°
16
−15°
−30°
29
UNICÓRNIO
CÃO MAIOR
LEBRE
POPA
Sírius
Mirzam
Wezen
Adhara
Aludra
M50
M41
IC 2177 Gaivota
2359 Capacete de Thor
IC 468
IC 2165
Sh2-308 Golfinho
Cr 121
Cr 91
Cr 140
Cr 132
2362 τ CMa
2324
2301
2346
2260
2184
2286
2232
2250
2215
2149
2353
2335
2343
2396
2413
2374
2345
2318
2414
2360
2409
2358
2204
2383
2384
2367
2207
2354
2280
2217


28
26
9h
8h
2784
2559
2527
2483
BÚSSOLA
2571
2533
2489
2567
2627
2439
POPA
−30°
2579
2451B
2477
2451A
Naos
39
2626
Suhail
2659
Remanescente de Vela
2645
2736 Lápis
IC 2395
2547
2670
−45°
VELA
IC 2391 o Vel
Alsephina
2910
2925
QUILHA
Markeb
IC 2488
3033
2867
Avior
IC 2220
2516
Aspidiske
10h
9h
8h
40
30


27
7h
6h
2280
2217
Aludra
Adhara
CÃO MAIOR
Cr 140
Cr 132
−30°
2298
Cr 135
Phact
POPA
POMBA
18
−45°
Canopus
PINTOR
QUILHA
DOURADO
7h
6h
5h
30
20


30
28
29
8h
7h
9h
−60°
−75°
40
20
12h
15h
18h
21h
0h
Avior
IC 2220
2516
QUILHA
PINTOR
2808
PEIXE VOADOR
DOURADO
2442
Grande Nuvem de Magalhães
2030
2014
1968
2070 Tarántula
1955
Miaplacidus
IC 2448
2122
2048
1910
1918
2018
MESA
3195
CAMALEÃO
Polo Sul
OITANTE
HIDRA MACHO
IC 4499

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

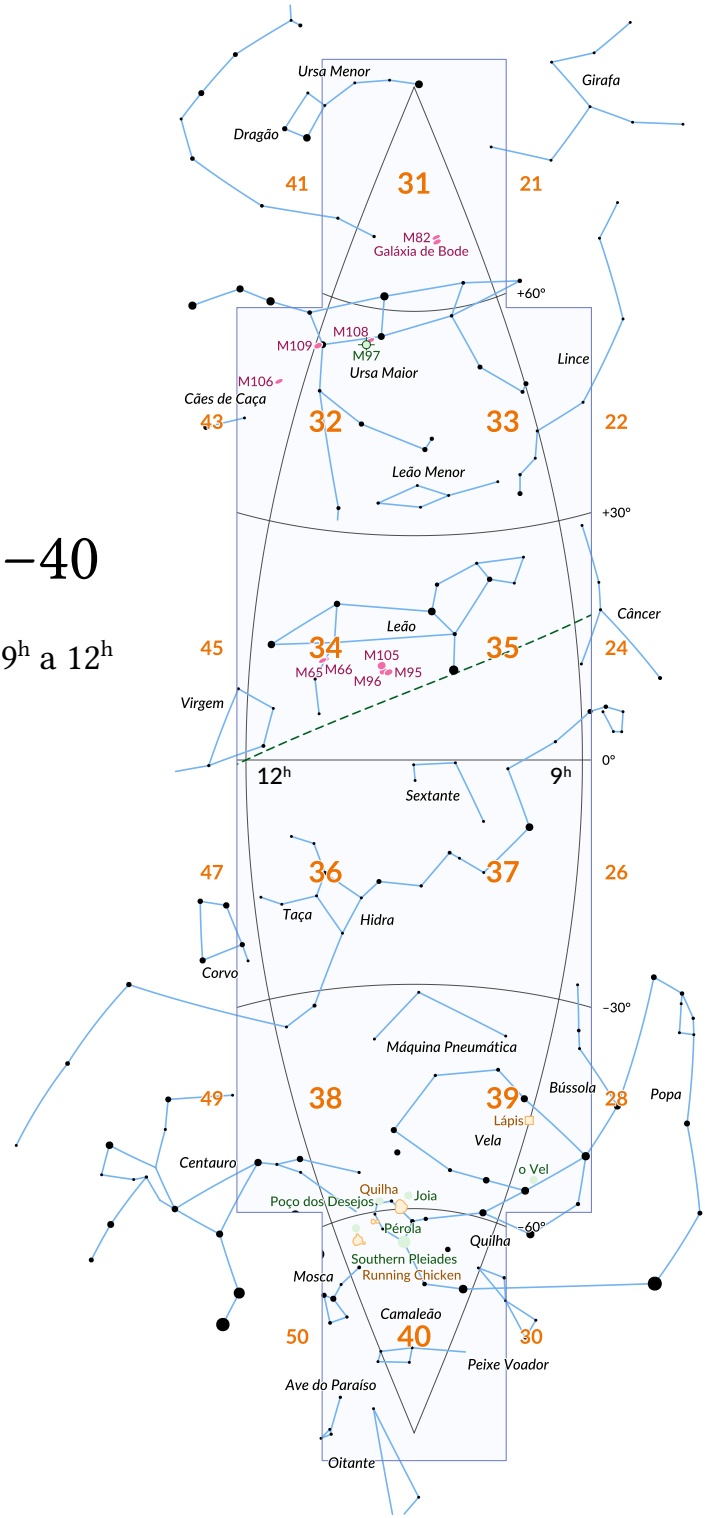
Nebulosa escura

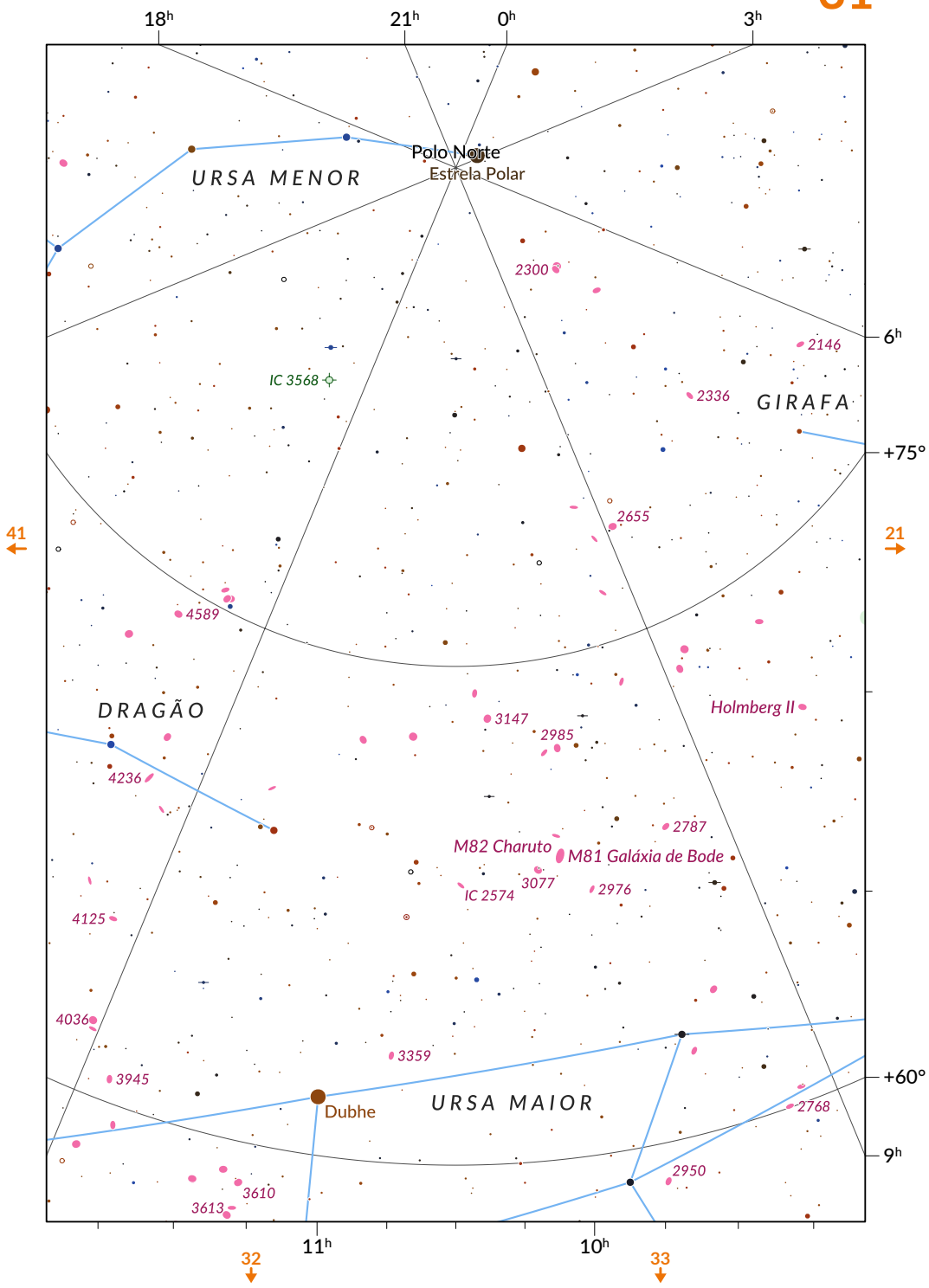
Nebulosa planetária

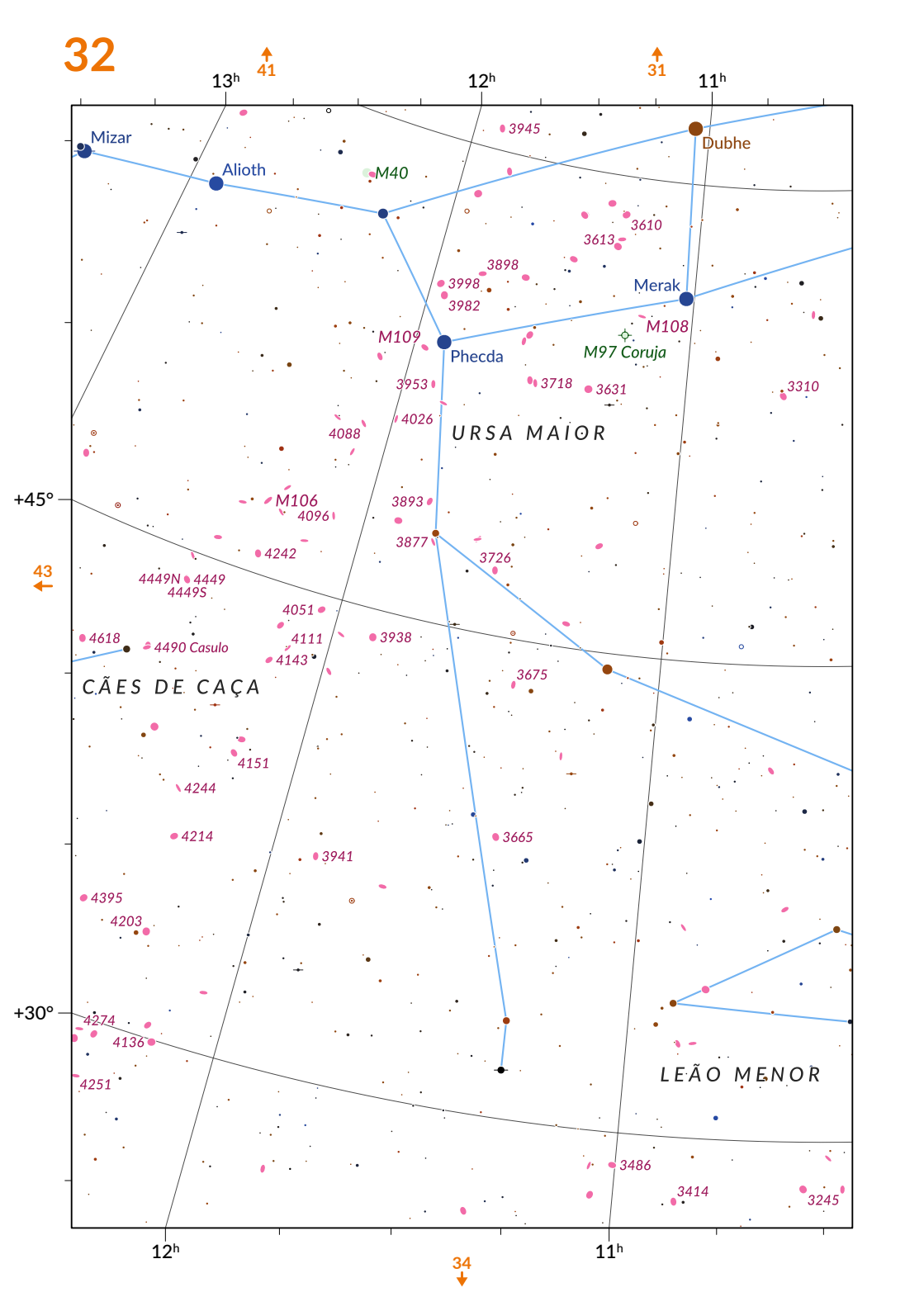
Cartas 31–40

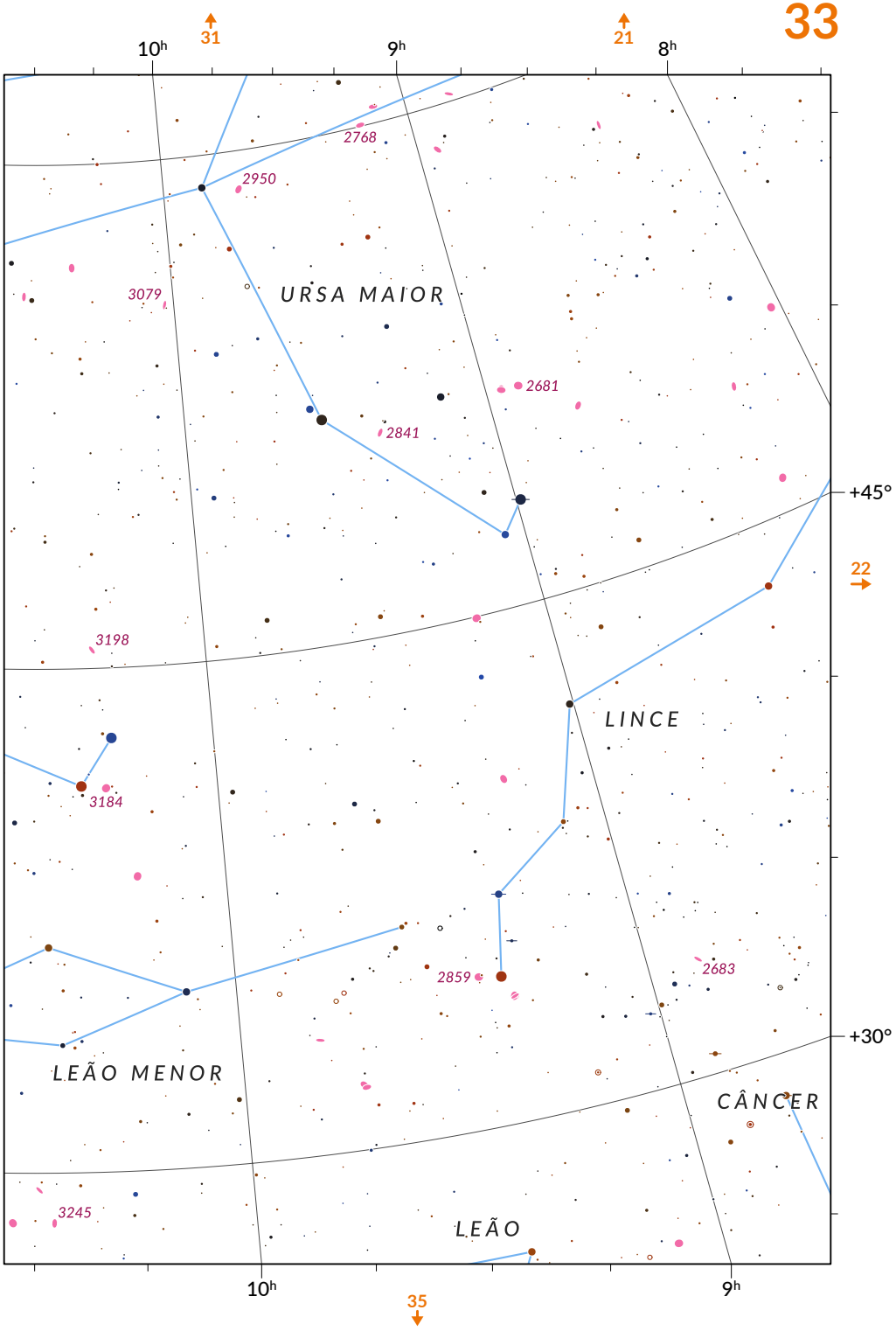
Ascensão reta de 9^h a 12^h

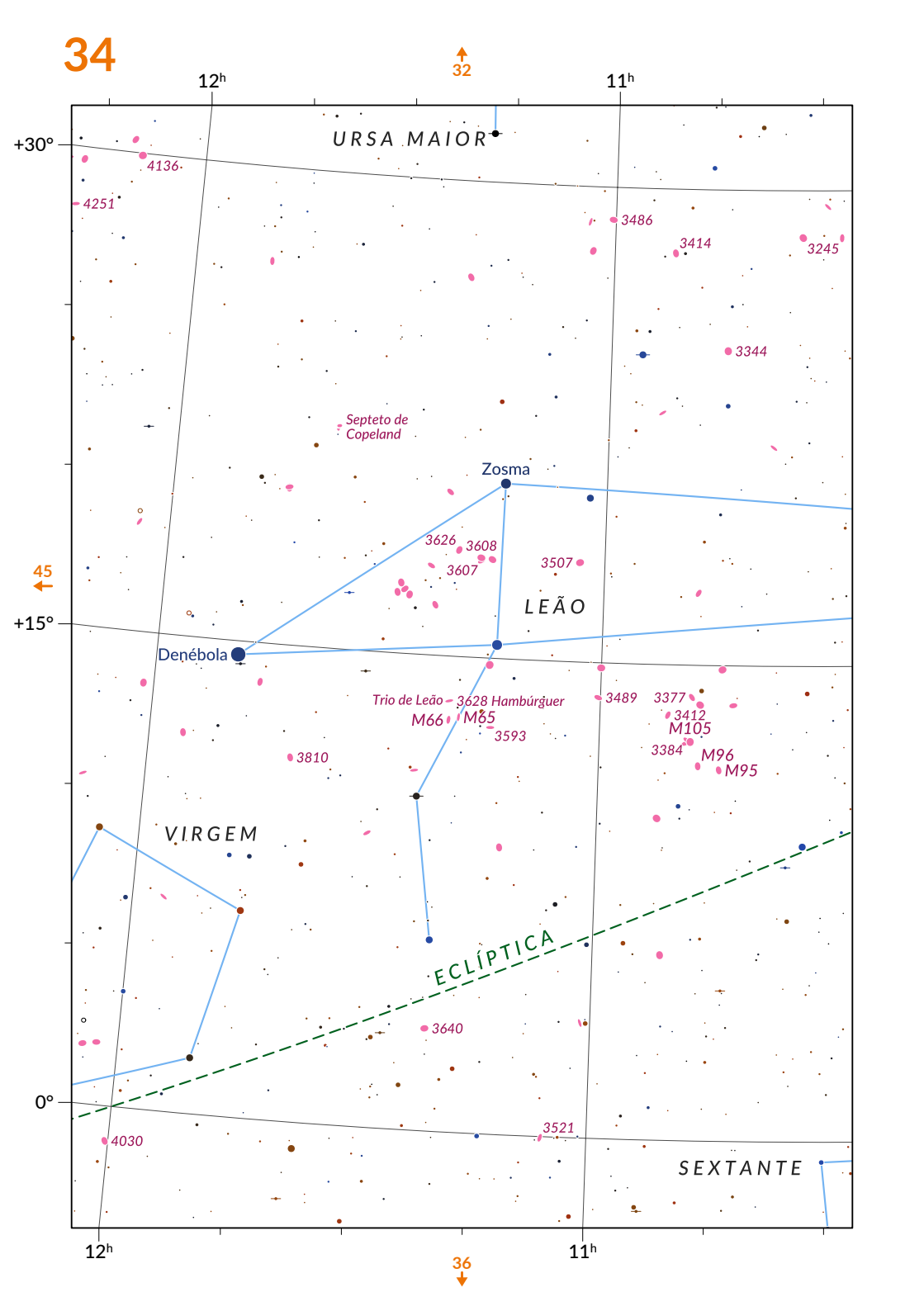
Abril

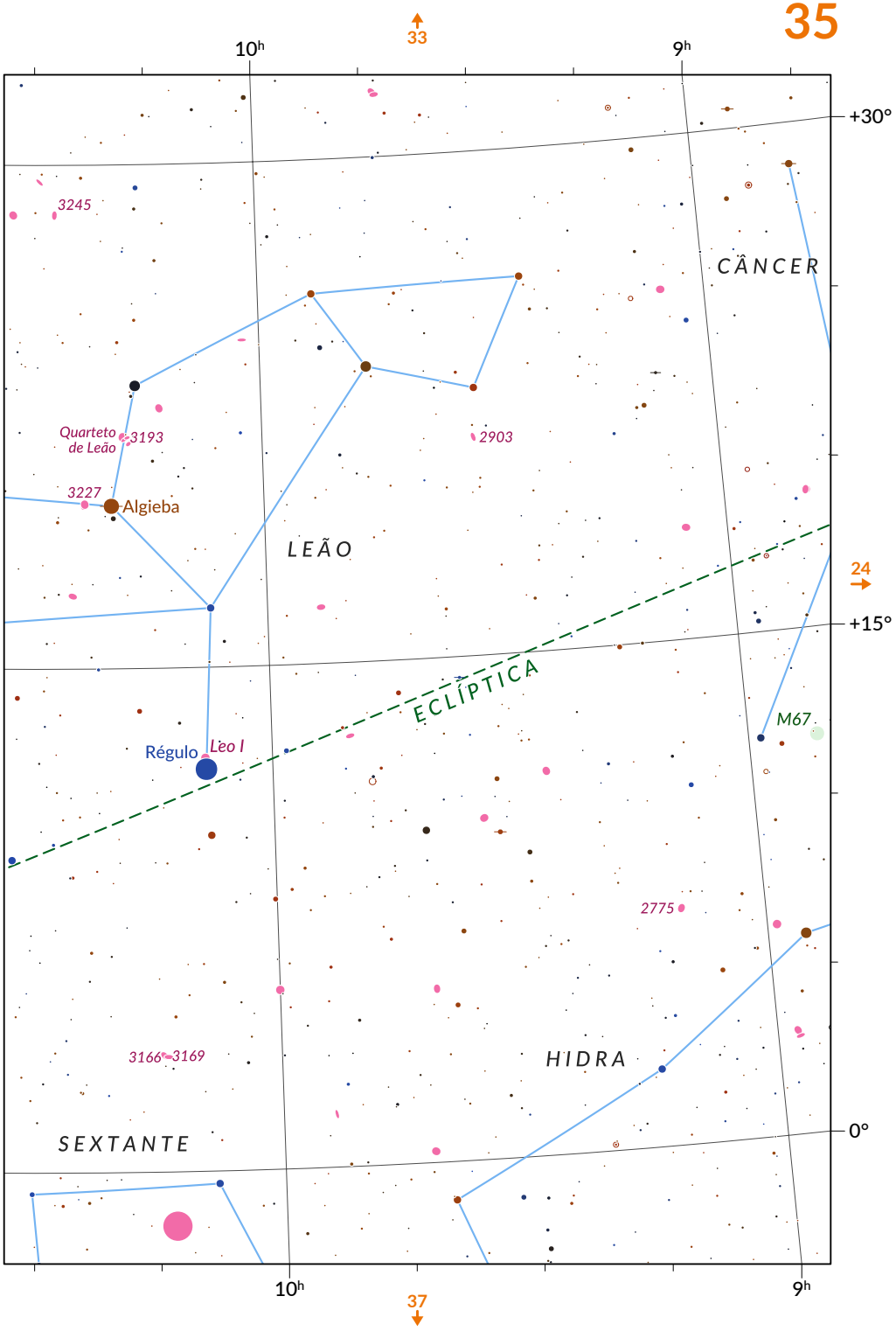


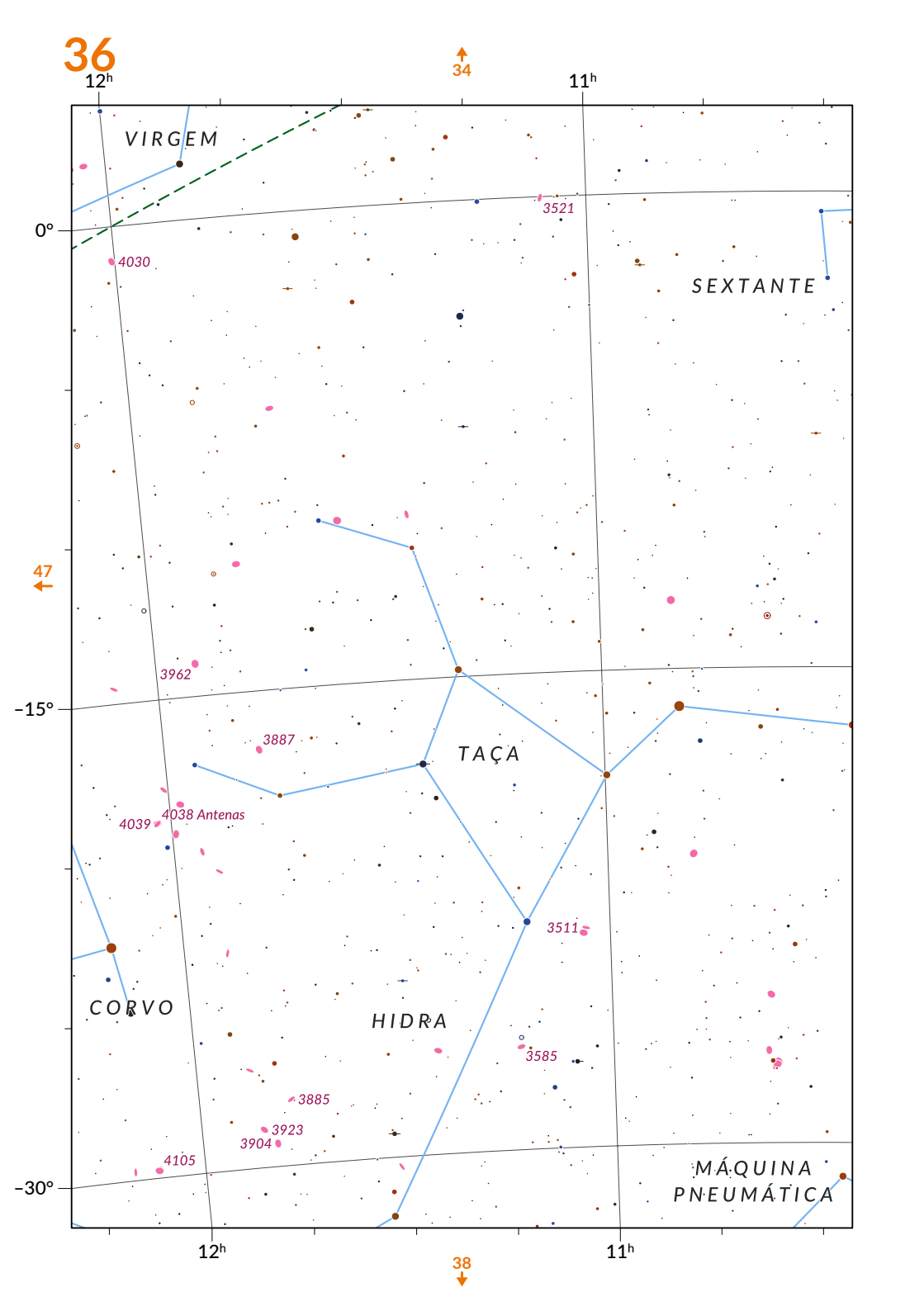

18h
21h
0h
3h
Polo Norte
Estrela Polar
URSA MENOR
2300
2146
IC 3568
2336
GIRAFA
6h
+75°
41
21
2655
4589
DRAGÃO
3147
2985
Holmberg II
4236
2787
M82 Charuto
M81 Galáxia de Bode
3077
IC 2574
2976
4125
4036
3359
3945
Dubhe
URSA MAIOR
+60°
2768
9h
2950
3610
3613
11h
10h
32
33

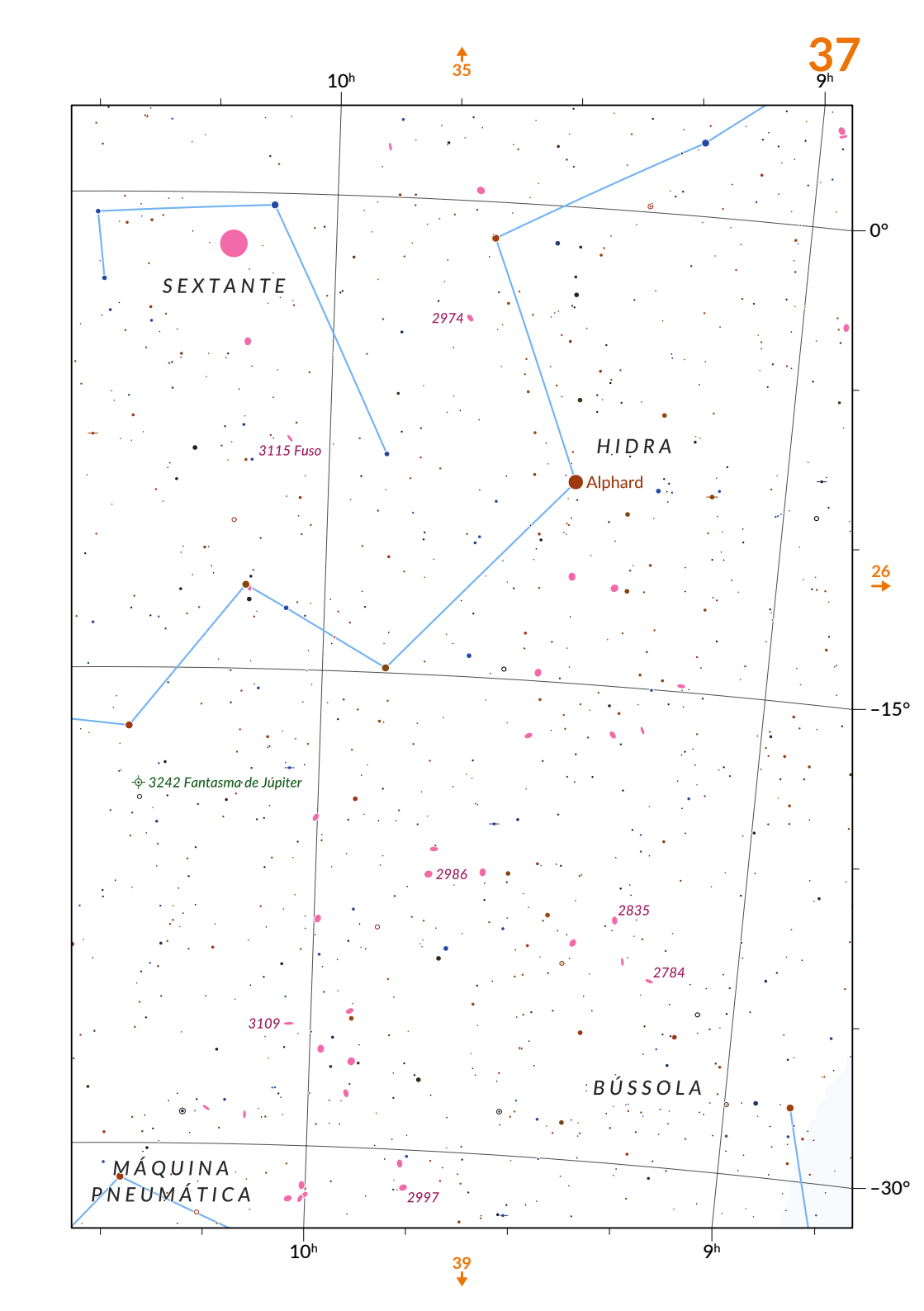

32
41
31
13h
12h
11h
Mizar
Alioth
M40
Dubhe
Merak
Phecda
M109
M108
M97 Coruja
3945
3610
3613
3898
3998
3982
3953
3718
3631
3310
4026
4088
URSA MAIOR
+45°
M106
4096
3893
3877
3726
4242
43
4449N
4449
4449S
4051
4618
4490 Casulo
4111
4143
3938
3675
CÃES DE CAÇA
4151
4244
4214
3665
3941
4395
4203
+30°
4274
4136
4251
LEÃO MENOR
3486
3414
3245
12h
11h
34

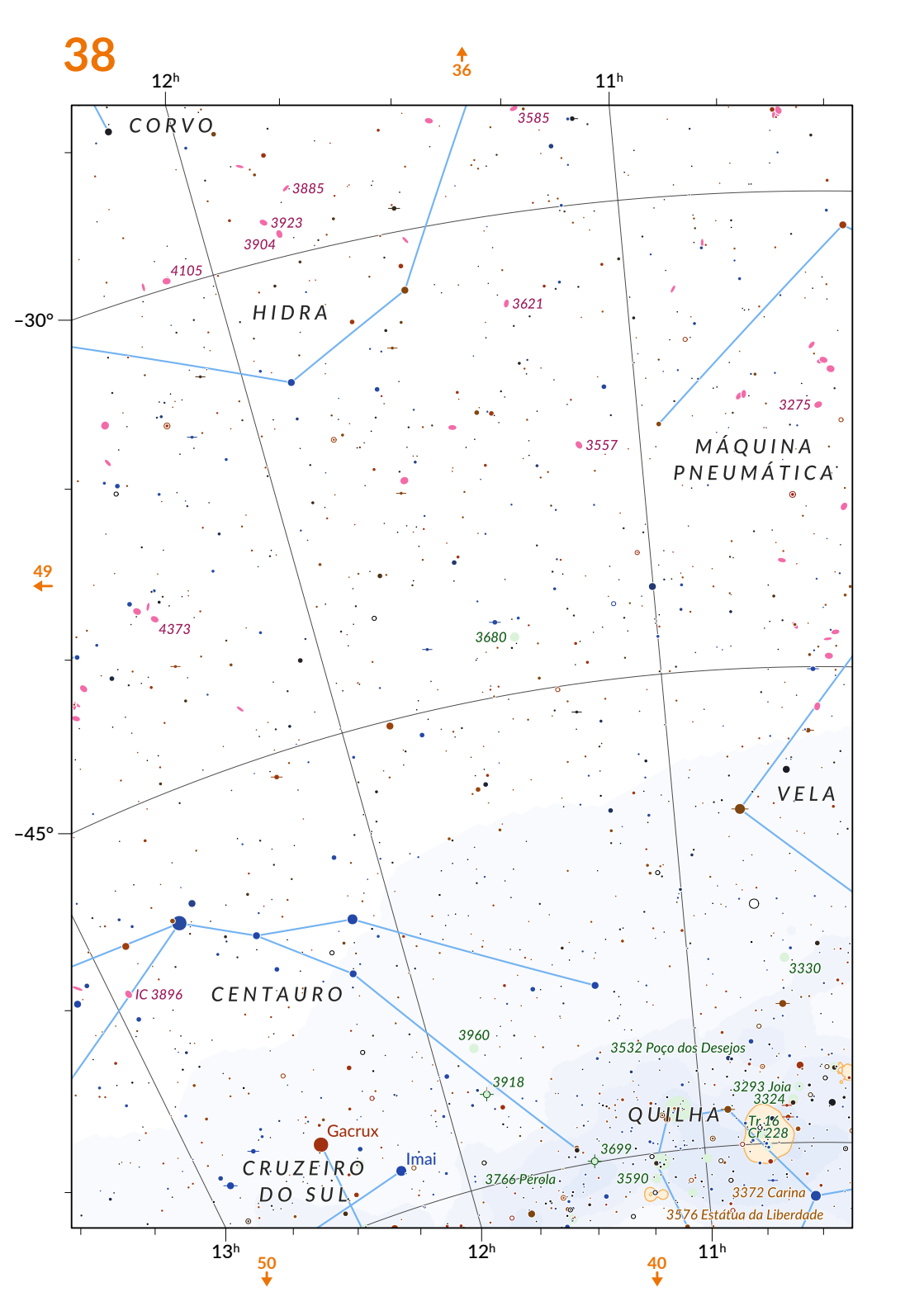

10h
31
9h
21
8h
2768
2950
3079
URSA MAIOR
2681
2841
+45°
22
3198
LINCE
3184
2859
2683
+30°
LEÃO MENOR
CÂNCER
3245
LEÃO
10h
35
9h

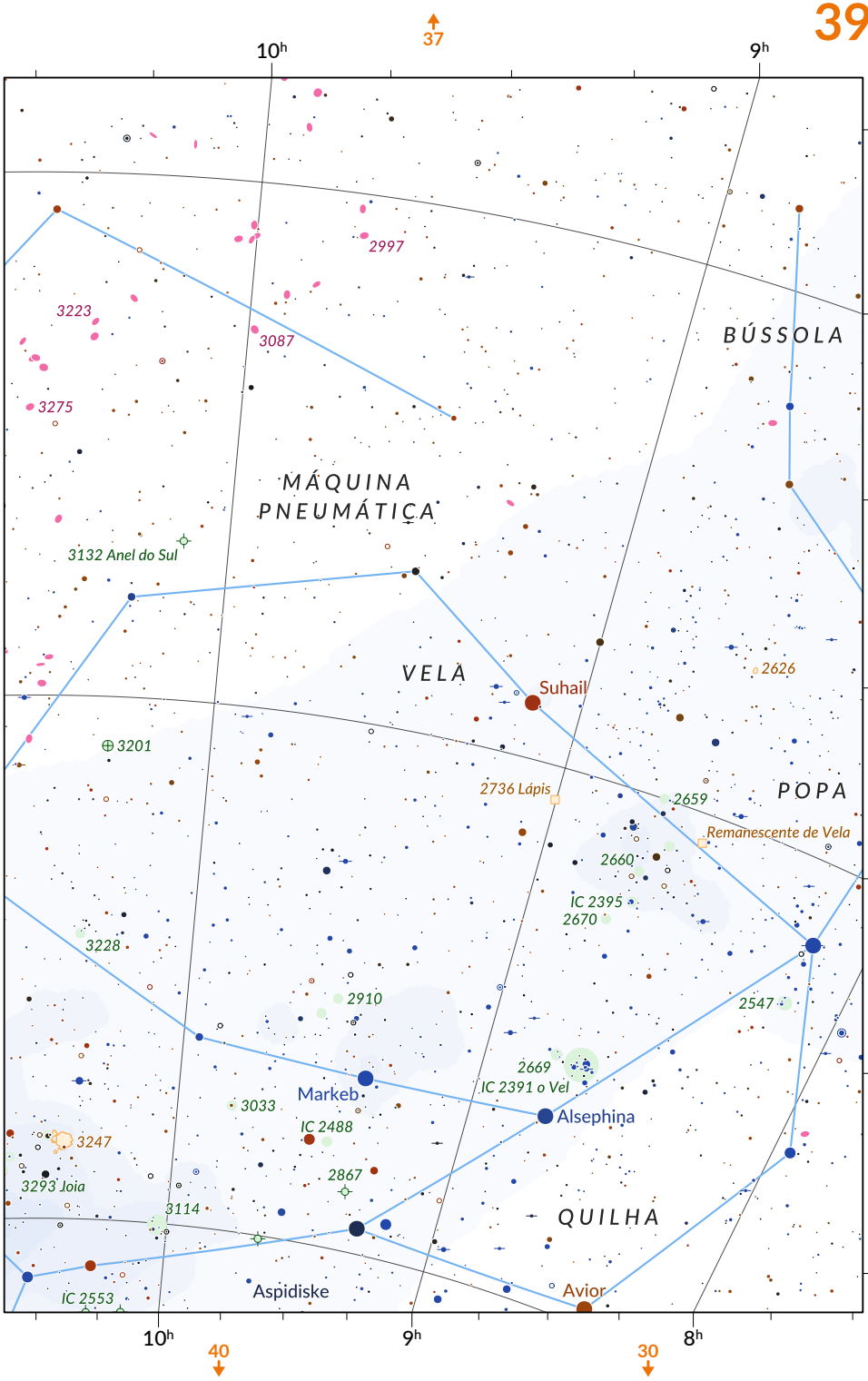

34
32
12h
11h
+30°
URSA MAIOR
4136
4251
3486
3414
3245
3344
Septeto de Copeland
Zosma
3626
3608
3607
3507
45
+15°
LEÃO
Denébola
Trio de Leão
3628
Hambúrguer
M66
M65
3593
3489
3377
3412
M105
3384
M96
M95
3810
VIRGEM
ECLÍPTICA
3640
0°
4030
3521
SEXTANTE
12h
11h
36

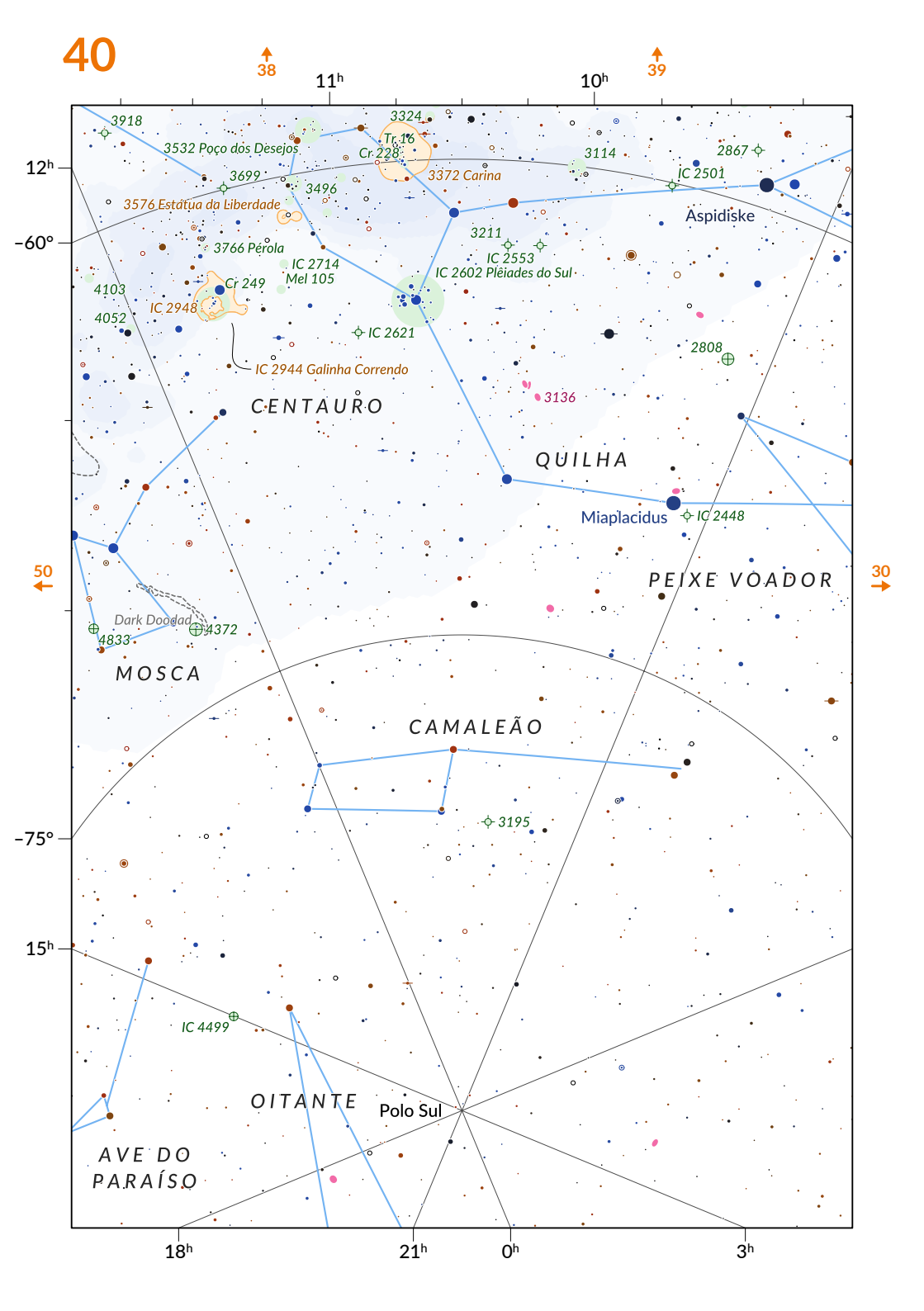

33
10h
9h
+30°
3245
CÂNCER
Quarteto de Leão
3193
2903
3227
Algieba
LEÃO
24
+15°
ECLÍPTICA
M67
Régulo
Leo I
2775
3166-3169
HIDRA
SEXTANTE
0°
10h
9h
37


36
34
12h
11h
VIRGEM
0°
4030
3521
SEXTANTE
47
3962
−15°
3887
TAÇA
4039
4038 Antenas
3511
CORVO
HIDRA
3585
3885
3923
3904
4105
−30°
MÁQUINA
PNEUMÁTICA
12h
11h
38

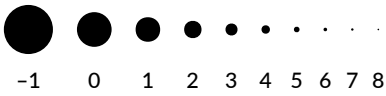

37
35
10h
9h
0°
SEXTANTE
2974
3115 Fuso
HIDRA
Alphard
26
−15°
3242 Fantasma de Júpiter
2986
2835
2784
3109
BÚSSOLA
MÁQUINA
PNEUMÁTICA
2997
−30°
10h
9h
39


38
36
12h
11h
CORVO
3585
3885
3923
3904
4105
HIDRA
3621
3275
3557
MÁQUINA
PNEUMÁTICA
−30°
49
4373
3680
VELA
−45°
3330
IC 3896
CENTAURO
3960
3532 Poço dos Desejos
3918
3293 Joia
3324
QUILHA
Tr 16
Cr 228
Gacrux
Imai
3699
CRUZEIRO
DO SUL
3766 Pérola
3590
3372 Carina
3576 Estátua da Liberdade
13h
12h
11h
50
40


37
10h
9h
2997
3223
3087
3275
BÚSSOLA
−30°
MÁQUINA
PNEUMÁTICA
3132 Anel do Sul
28
VELA
Suhail
2626
3201
2736 Lápis
2659
POPA
Remanescente de Vela
2660
−45°
IC 2395
2670
3228
2910
2547
2669
IC 2391 o Vel
Markeb
Alsephina
3033
IC 2488
3247
2867
3293 Joia
3114
QUILHA
IC 2553
Aspidiske
Avior
10h
9h
8h
40
30


40
38
39
11h
10h
12h
−60°
50
30
−75°
15h
18h
21h
0h
3h
3918
3532 Poço dos Desejos
3324
Tr 16
Cr 228
3372 Carina
3114
2867
IC 2501
3699
3496
3576 Estátua da Liberdade
Aspidiske
3211
IC 2553
IC 2602 Plêiades do Sul
3766 Pérola
IC 2714
Mel 105
Cr 249
4103
IC 2948
4052
IC 2621
2808
IC 2944 Galinha Correndo
3136
CENTAURO
QUILHA
Miaplacidus
IC 2448
PEIXE VOADOR
Dark Doodad
4372
4833
MOSCA
CAMALEÃO
3195
IC 4499
OITANTE
Polo Sul
AVE DO PARAÍSO

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

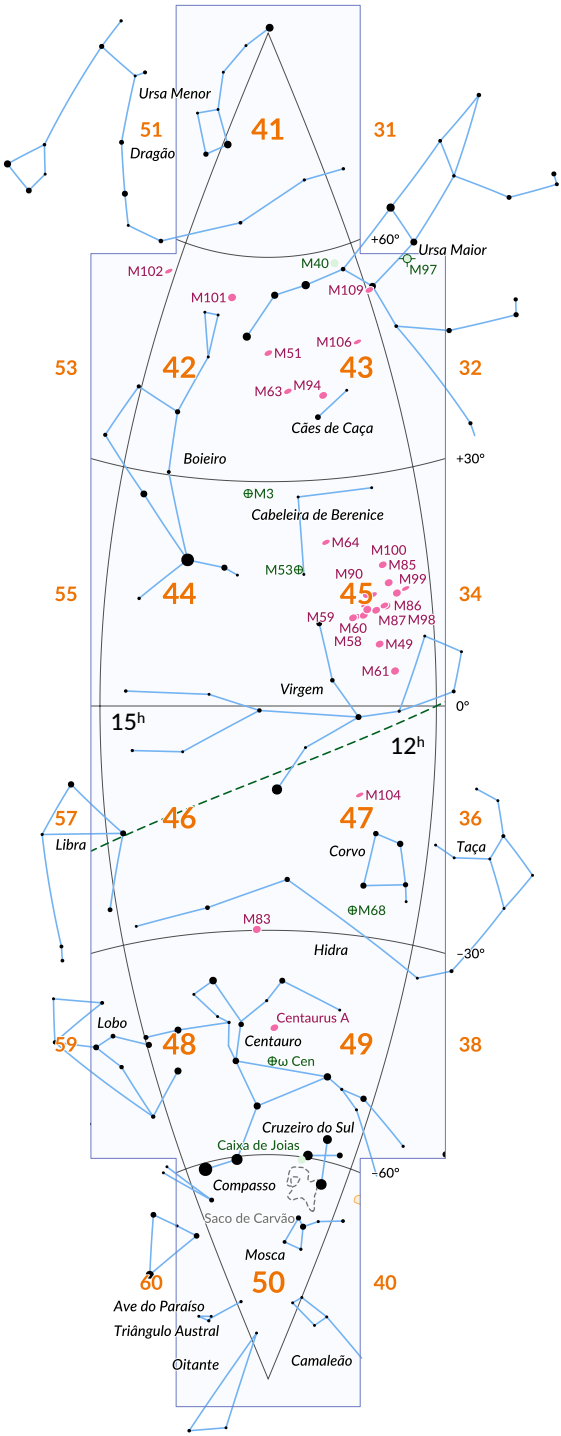
Nebulosa escura

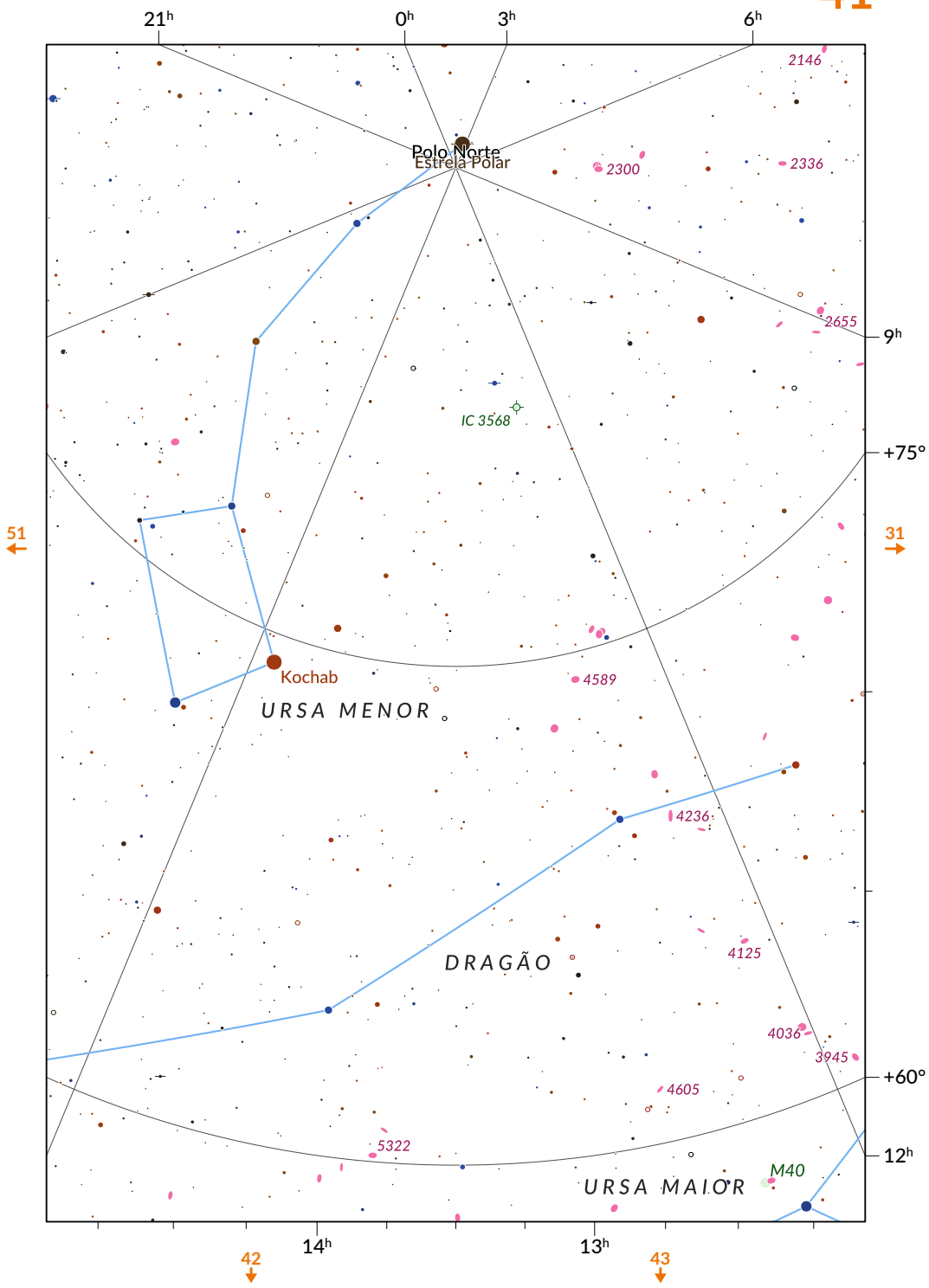
Nebulosa planetária

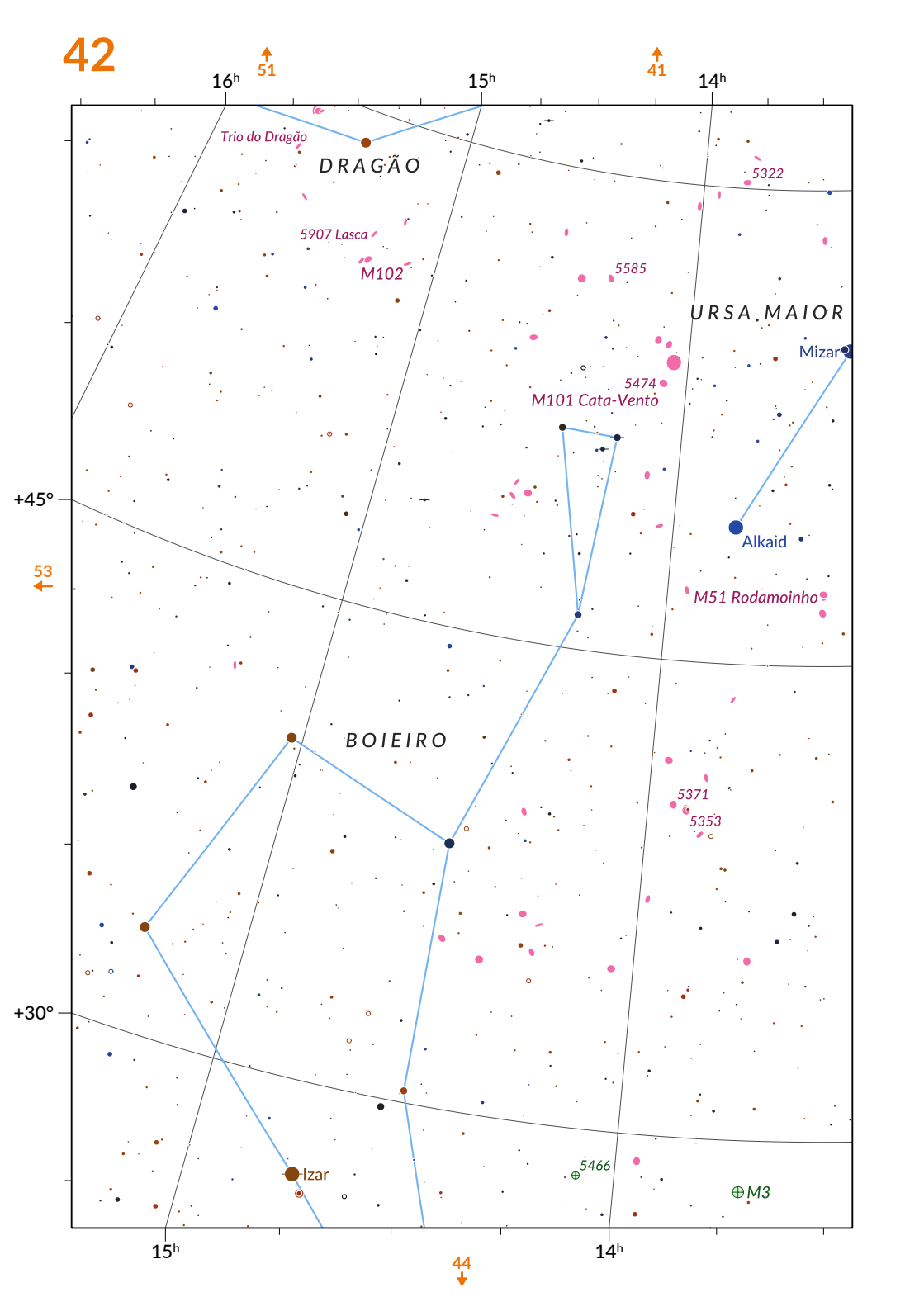
Cartas 41–50

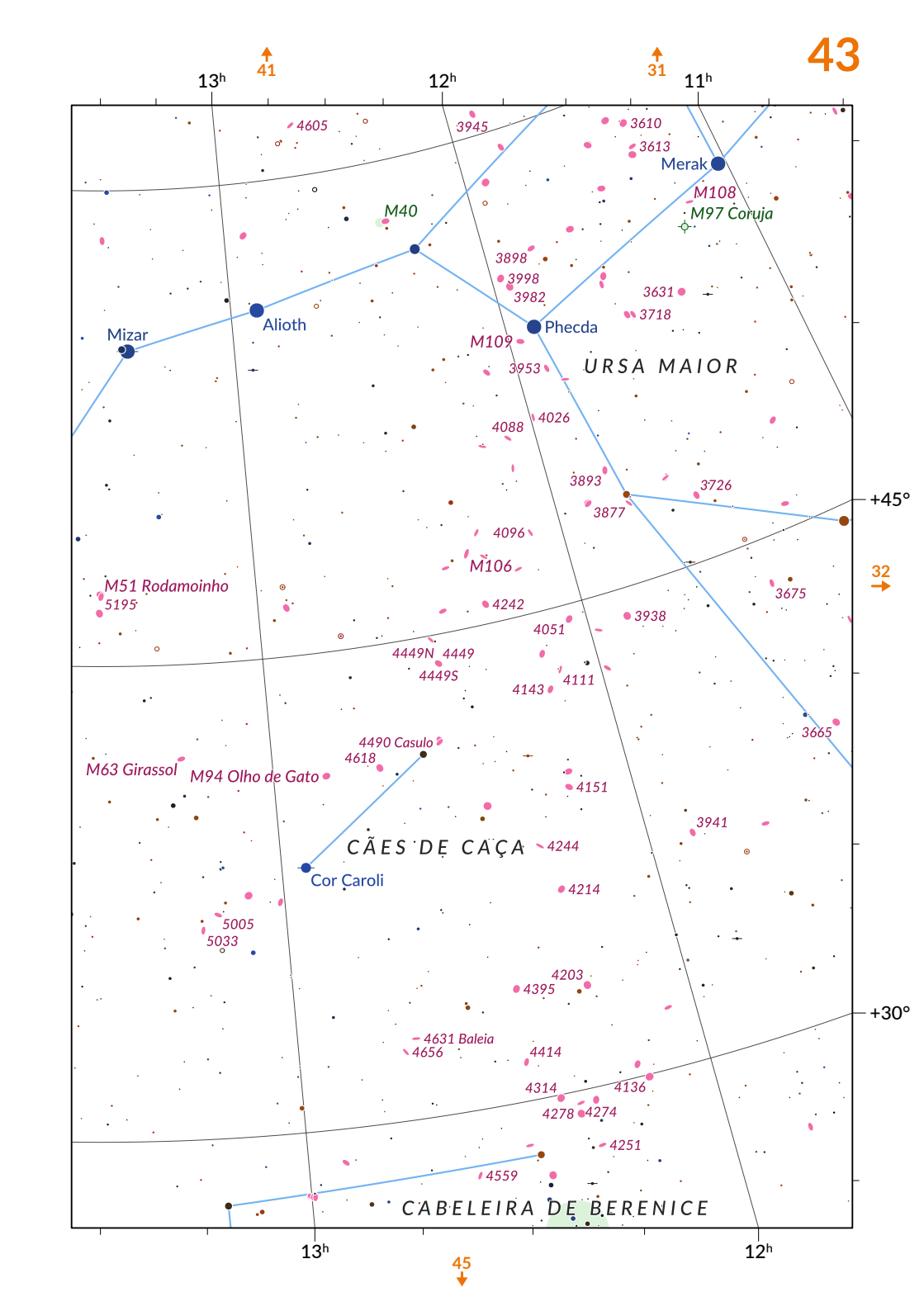
Ascensão reta de 12^h a 15^h

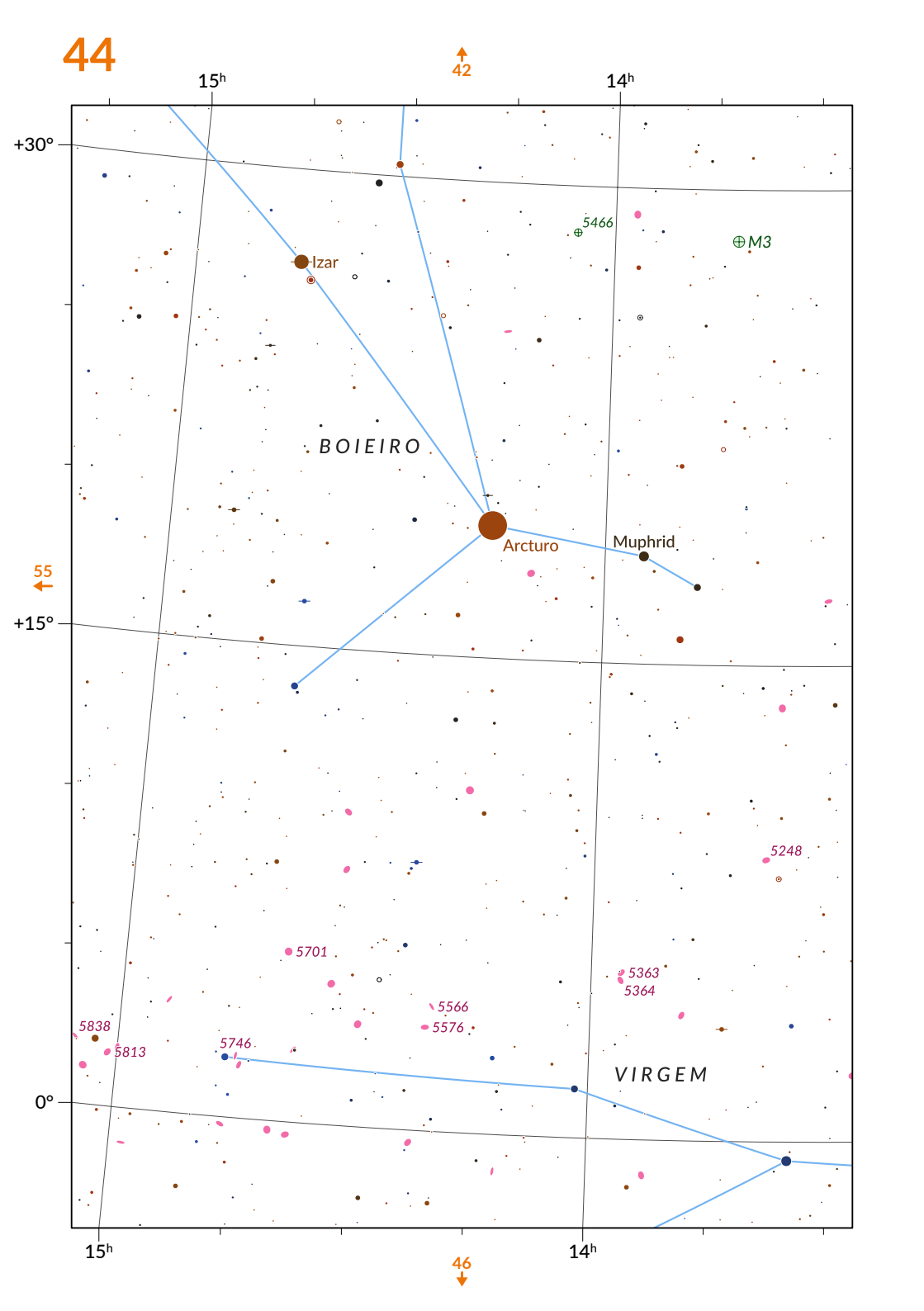
Maio/junho

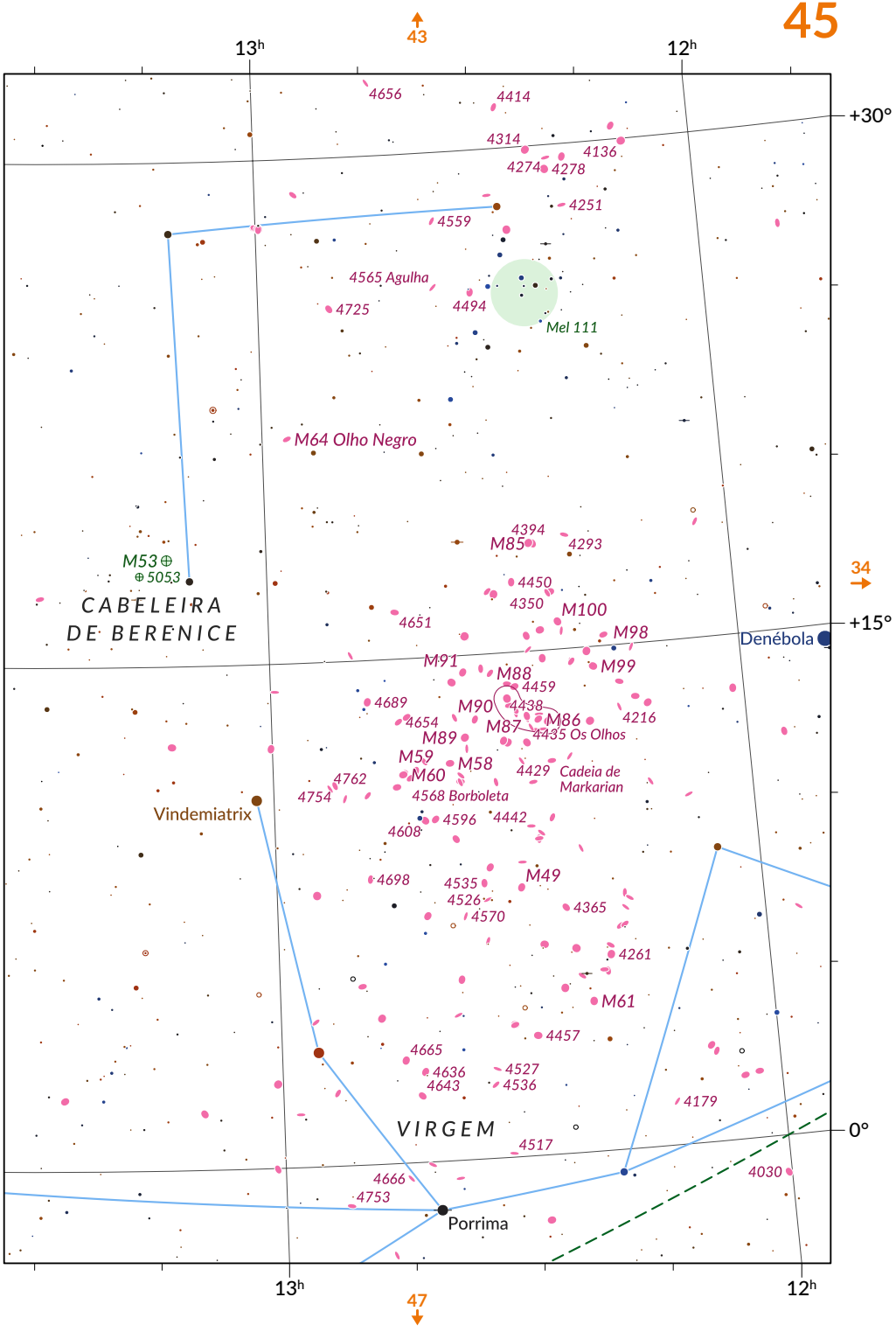


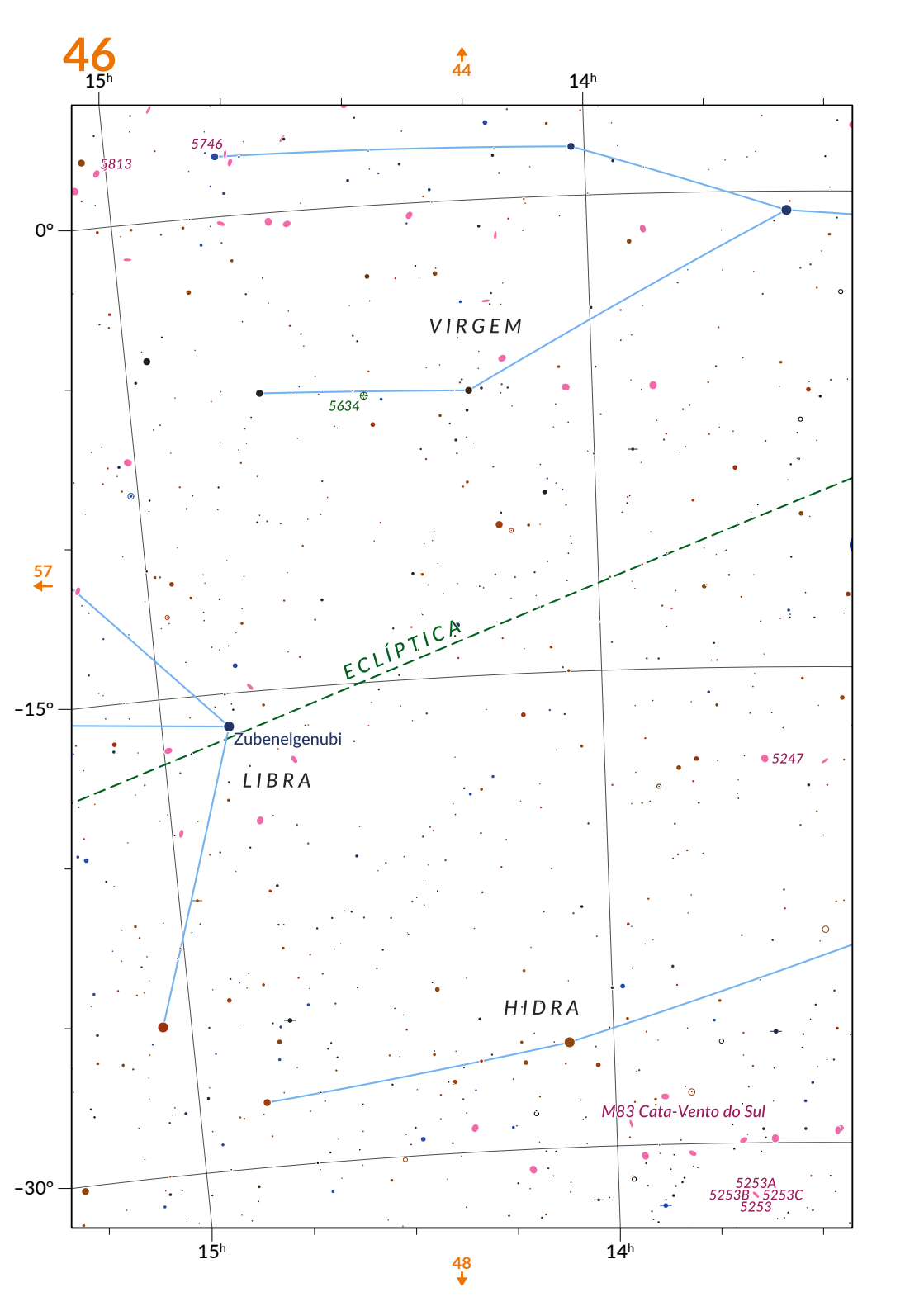

21h
0h
3h
6h
9h
+75°
+60°
12h
14h
13h
51
31
42
43
Polo Norte
Estrela Polar
2146
2300
2336
2655
IC 3568
Kochab
4589
URSA MENOR
4236
4125
DRAGÃO
4036
3945
4605
5322
M40
URSA MAIOR

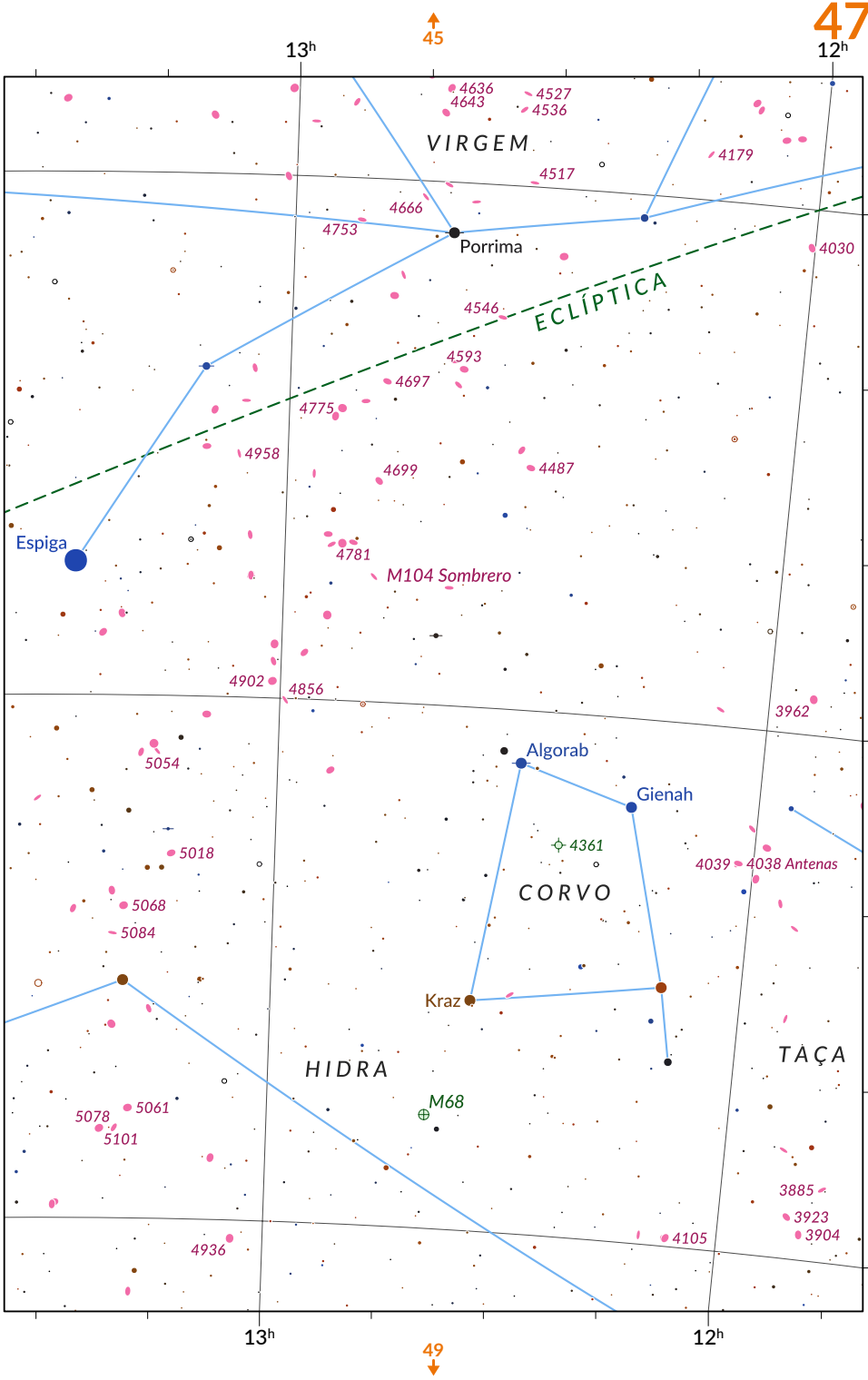

42
16h
51
15h
41
14h
Trio do Dragão
DRAGÃO
5322
5907 Lasca
M102
5585
URSA MAIOR
Mizar
5474
M101 Cata-Vento
+45°
53
Alkaid
M51 Rodamoinho
BOIEIRO
5371
5353
+30°
Izar
5466
M3
15h
44
14h

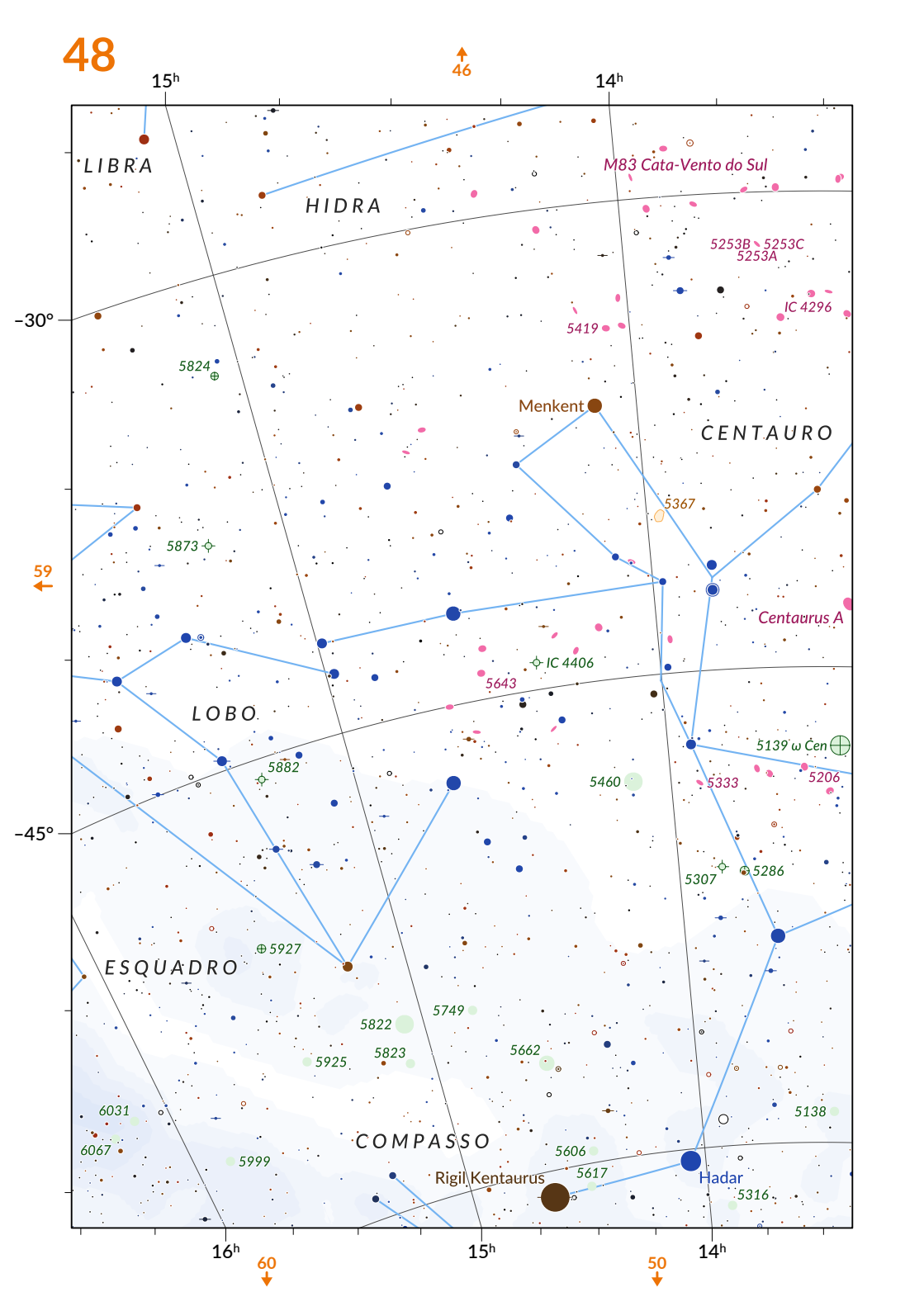

43
41
31
13h
12h
11h
4605
3945
3610
3613
Merak
M108
M97 Coruja
M40
3898
3998
3982
3631
3718
Mizar
Alioth
Phecda
M109
3953
URSA MAIOR
4026
4088
3893
3726
3877
+45°
4096
M106
32
M51 Rodamoinho
5195
4242
3675
3938
4051
4449N 4449
4449S
4111
4143
3665
4490 Casulo
4618
M63 Girassol
M94 Olho de Gato
4151
3941
CÃES DE CAÇA
4244
Cor Caroli
4214
5005
5033
4203
4395
+30°
4631 Baleia
4656
4414
4314
4136
4278 4274
4251
4559
CABELEIRA DE BERENICE
13h
12h
45

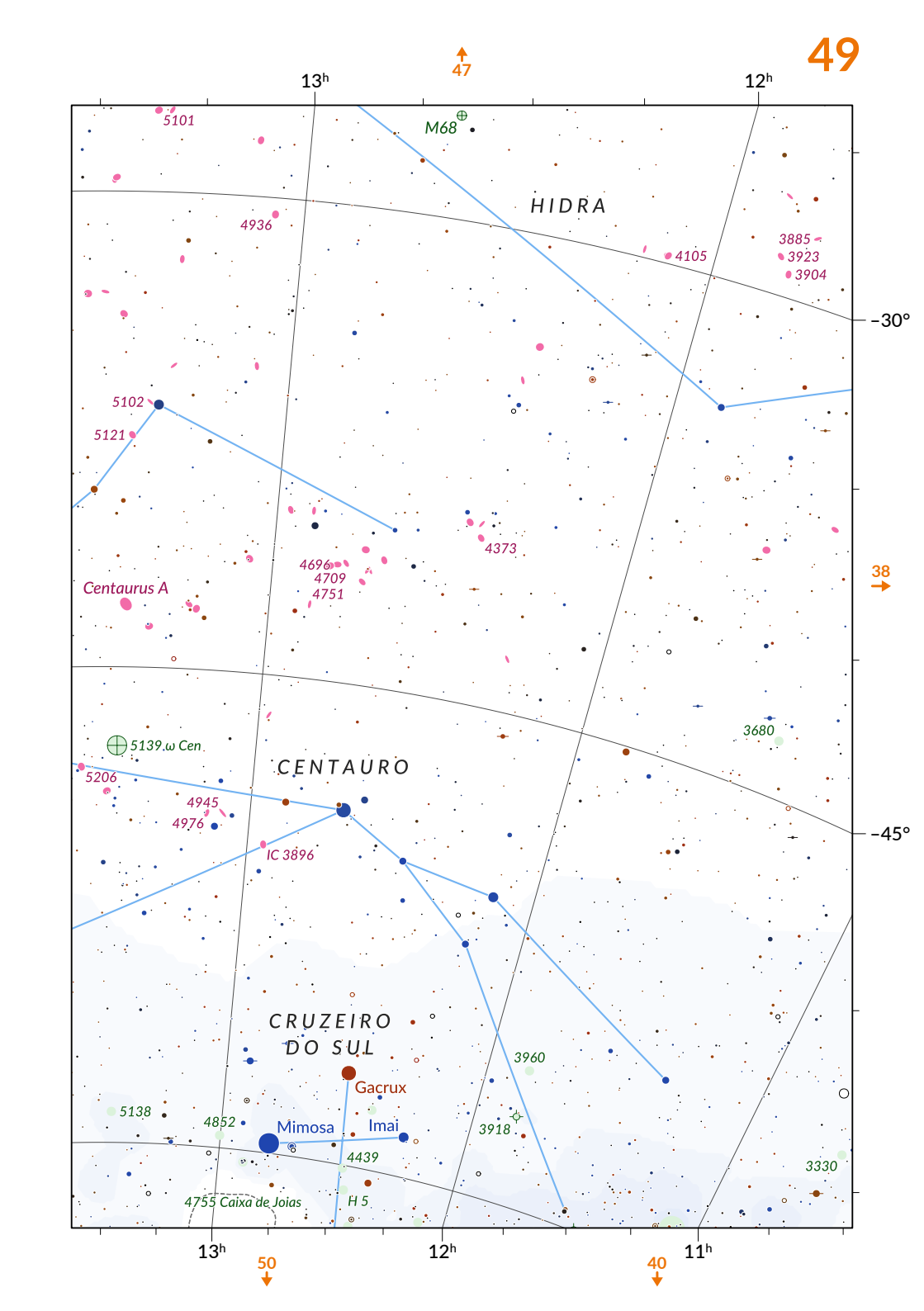

44
42
15h
14h
+30°
5466
M3
Izar
BOIEIRO
Arcturo
Muphrid
55
+15°
5248
5701
5363
5364
5566
5576
5838
5813
5746
VIRGEM
0°
15h
14h
46

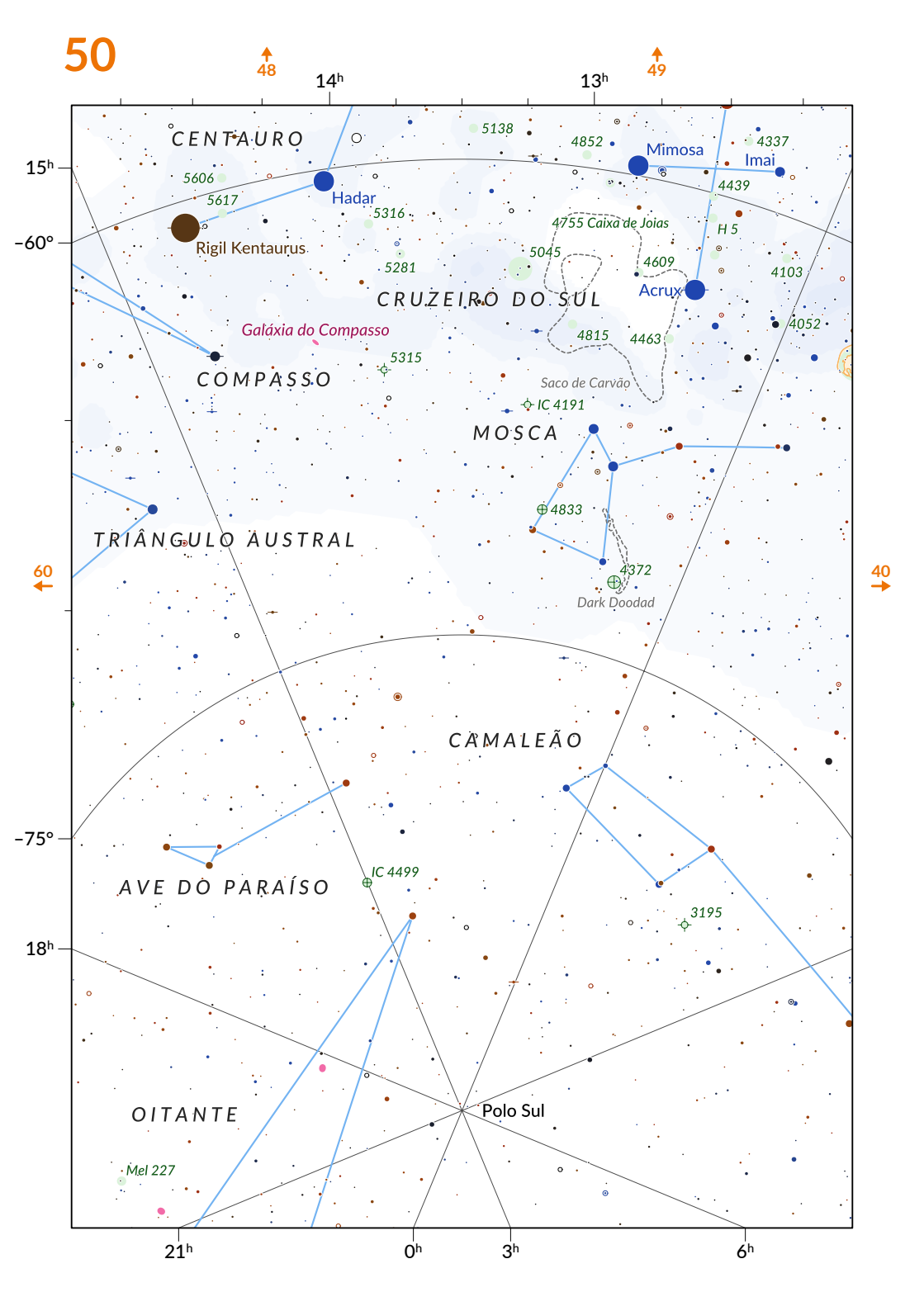

43
13h
12h
+30°
4656
4414
4314
4136
4274
4278
4251
4559
4565 Agulha
4725
4494
Mel 111
M64 Olho Negro
4394
M85
4293
M53
5053
CABELEIRA
DE BERENICE
4450
4350
M100
4651
M98
Denébola
34
+15°
M91
M88
M99
4459
4689
M90
4438
M86
4216
4654
M87
4435 Os Olhos
M89
M59
M58
4429
Cadeia de
Markarian
M60
4762
4754
4568 Borboleta
Vindemiatrix
4596
4442
4608
4698
4535
M49
4526
4570
4365
4261
M61
4457
4665
4636
4643
4527
4536
4179
VIRGEM
4517
0°
4666
4753
4030
Porrima
13h
12h
47


46
44
15h
14h
5746
5813
0°
VIRGEM
5634
57
ECLÍPTICA
−15°
Zubenelgenubi
LIBRA
5247
HIDRA
M83 Cata-Vento do Sul
5253A
5253B
5253C
5253
−30°
15h
14h
48

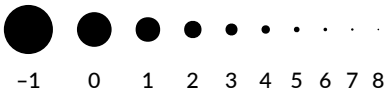

47
45
13h
12h
VIRGEM
4636
4643
4527
4536
4517
4179
4666
4753
Porrima
0°
4030
ECLÍPTICA
4546
4593
4697
4775
4958
4699
4487
Espiga
4781
M104 Sombrero
36
4902
4856
3962
−15°
Algorab
Gienah
5054
4361
5018
4039
4038 Antenas
CORVO
5068
5084
Kraz
HIDRA
TAÇA
M68
5078
5061
5101
3885
3923
3904
4936
4105
−30°
13h
12h
49


15h
46
14h
LIBRA
HIDRA
M83 Cata-Vento do Sul
5253B 5253C
5253A
IC 4296
5419
-30°
5824
Menkent
CENTAURO
5367
5873
59
Centaurus A
IC 4406
5643
LOBO
5139 ω Cen
5882
5460
5333
5206
-45°
5307
5286
5927
ESQUADRO
5749
5822
5662
5925
5823
6031
5138
6067
COMPASSO
5606
5999
5617
Rigil Kentaurus
Hadar
5316
16h
60
15h
50
14h


49
47
13h
12h
M68
HIDRA
5101
4936
4105
3885
3923
3904
-30°
5102
5121
4373
4696
4709
4751
Centaurus A
38
5139.ω Cen
CENTAURO
3680
5206
4945
4976
IC 3896
-45°
CRUZEIRO
DO SUL
3960
Gacrux
5138
4852
Mimosa
Imai
3918
4439
3330
4755 Caixa de Joias
H 5
13h
12h
11h
50
40


50
48
49
14h
13h
15h
−60°
60
40
−75°
18h
21h
0h
3h
6h
CENTAURO
Hadar
Rigil Kentaurus
5606
5617
5316
5281
5138
4852
Mimosa
4337
Imai
4439
4755 Caixa de Joias
H 5
5045
4609
4103
Acrux
CRUZEIRO DO SUL
4052
Galáxia do Compasso
4815
4463
5315
COMPASSO
Saco de Carvão
IC 4191
MOSCA
4833
TRIÂNGULO AUSTRAL
4372
Dark Doodad
CAMALEÃO
IC 4499
AVE DO PARAÍSO
3195
OITANTE
Polo Sul
Mel 227

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

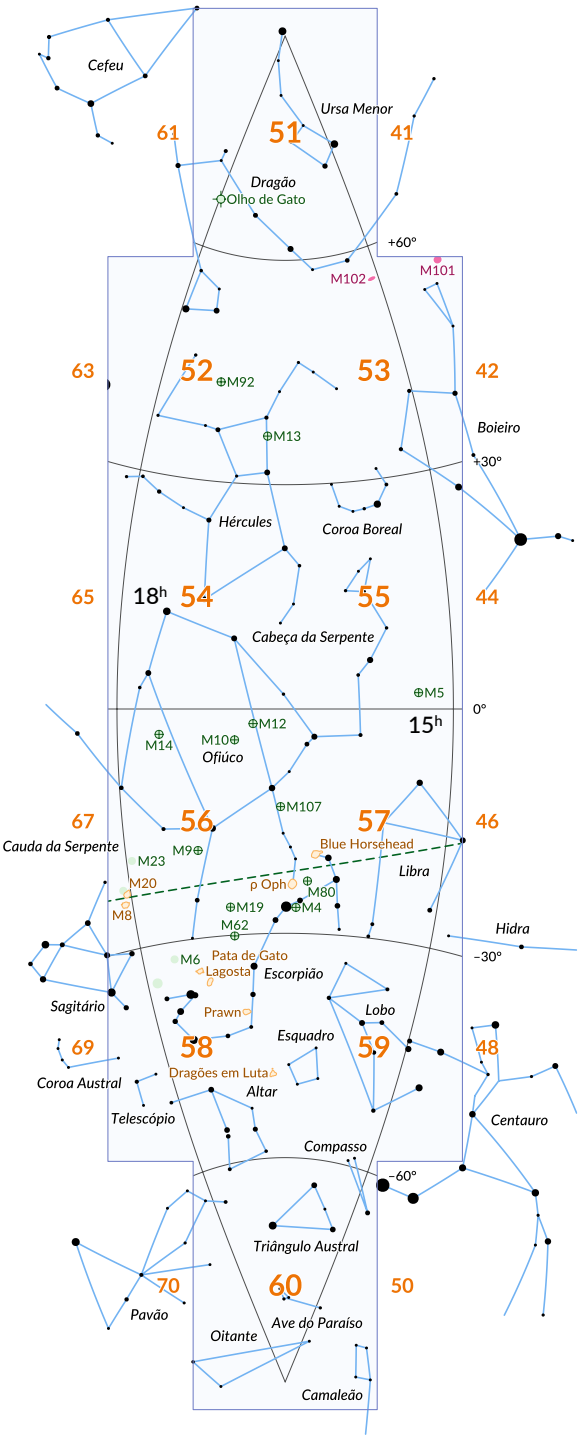
Nebulosa escura

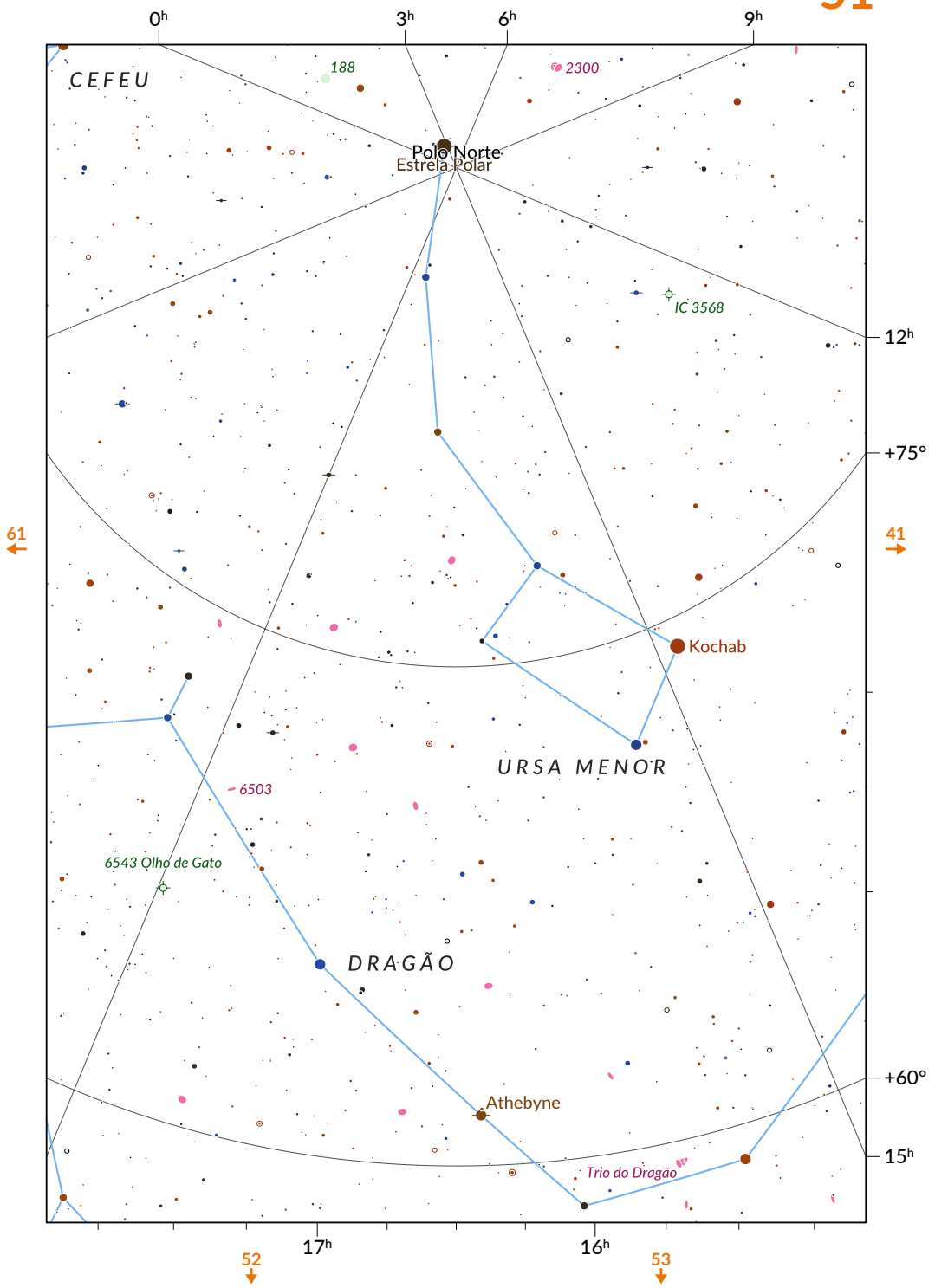
Nebulosa planetária

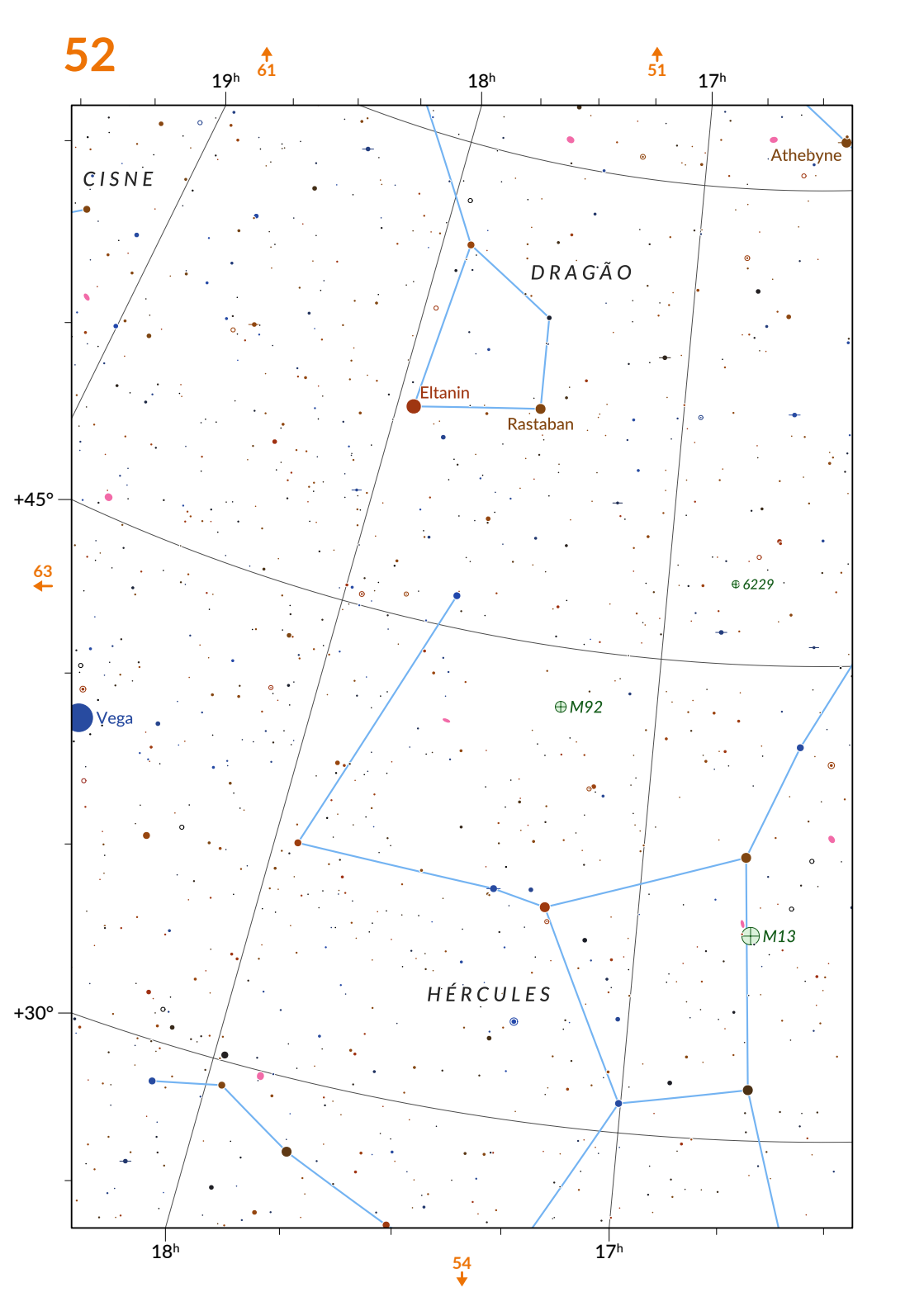
Cartas 51–60

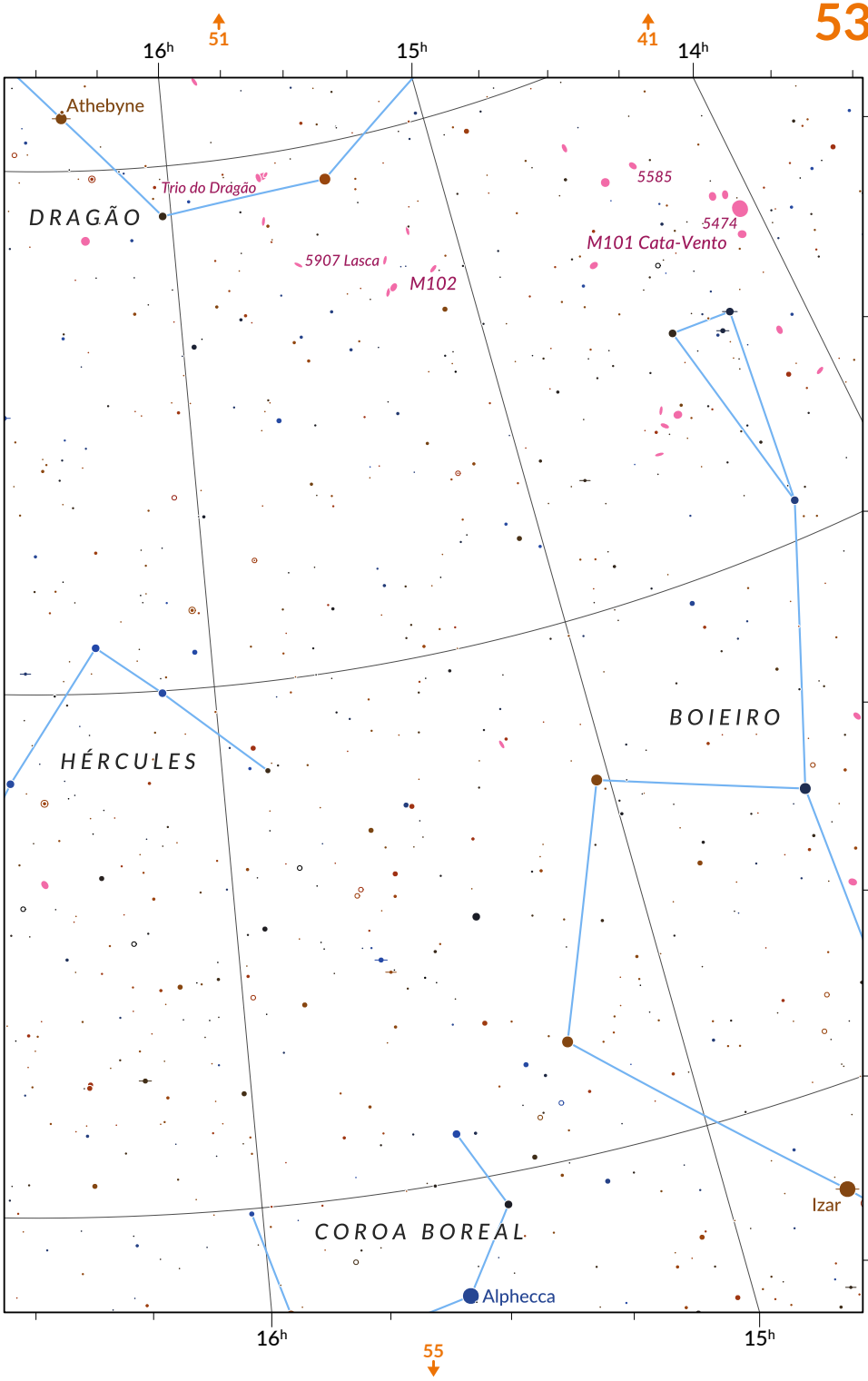
Ascensão reta de 15^h a 18^h

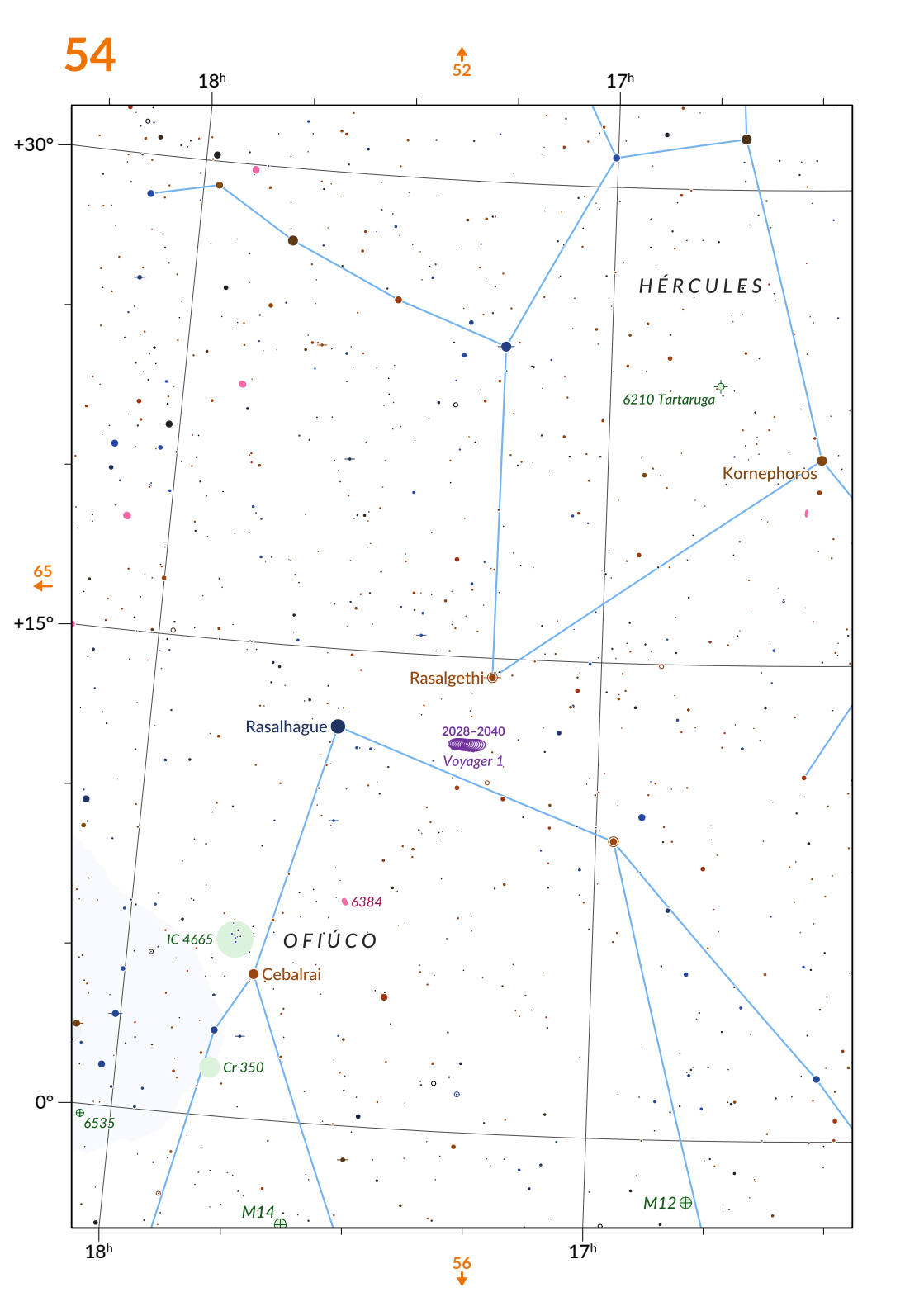
Julho

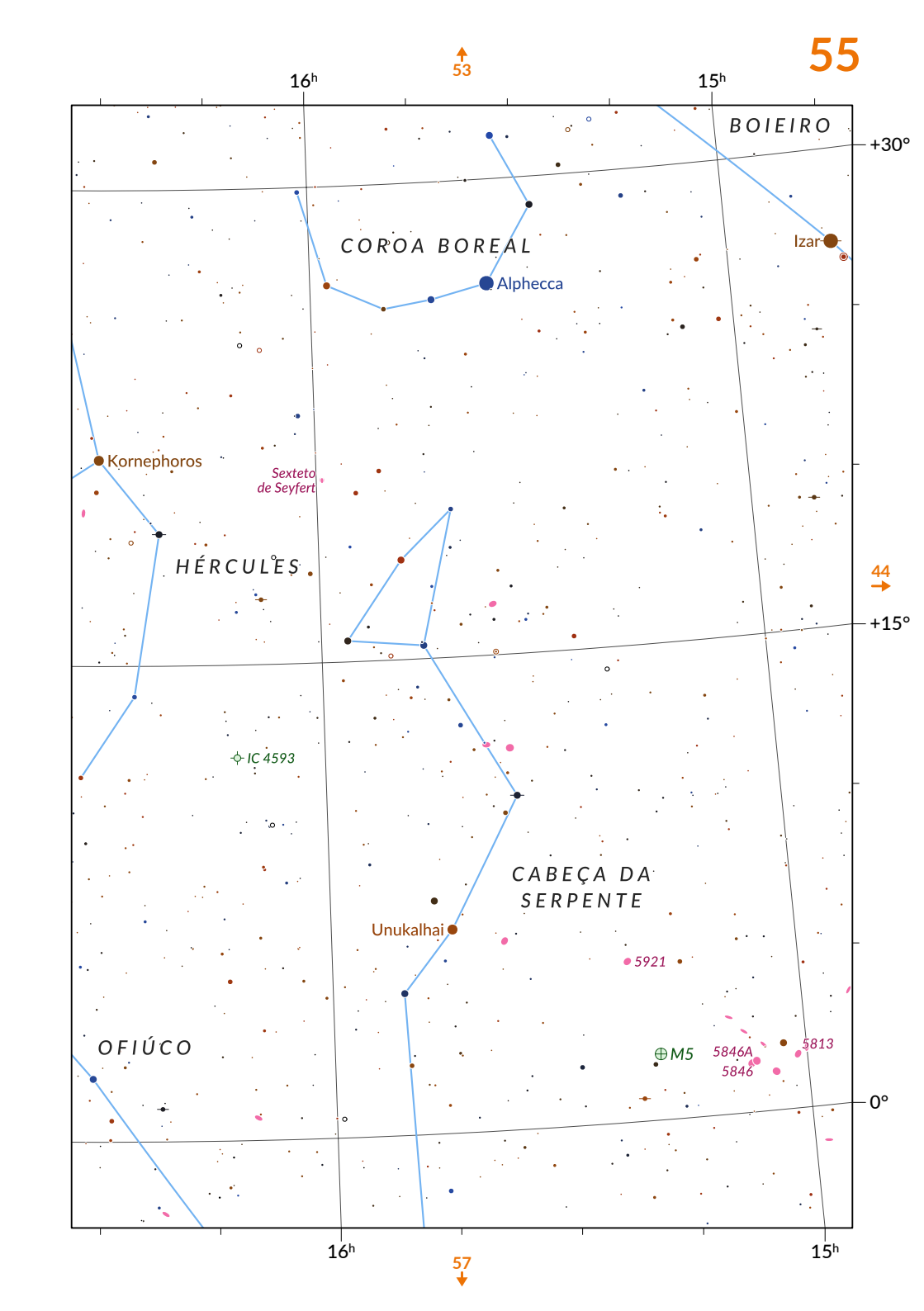


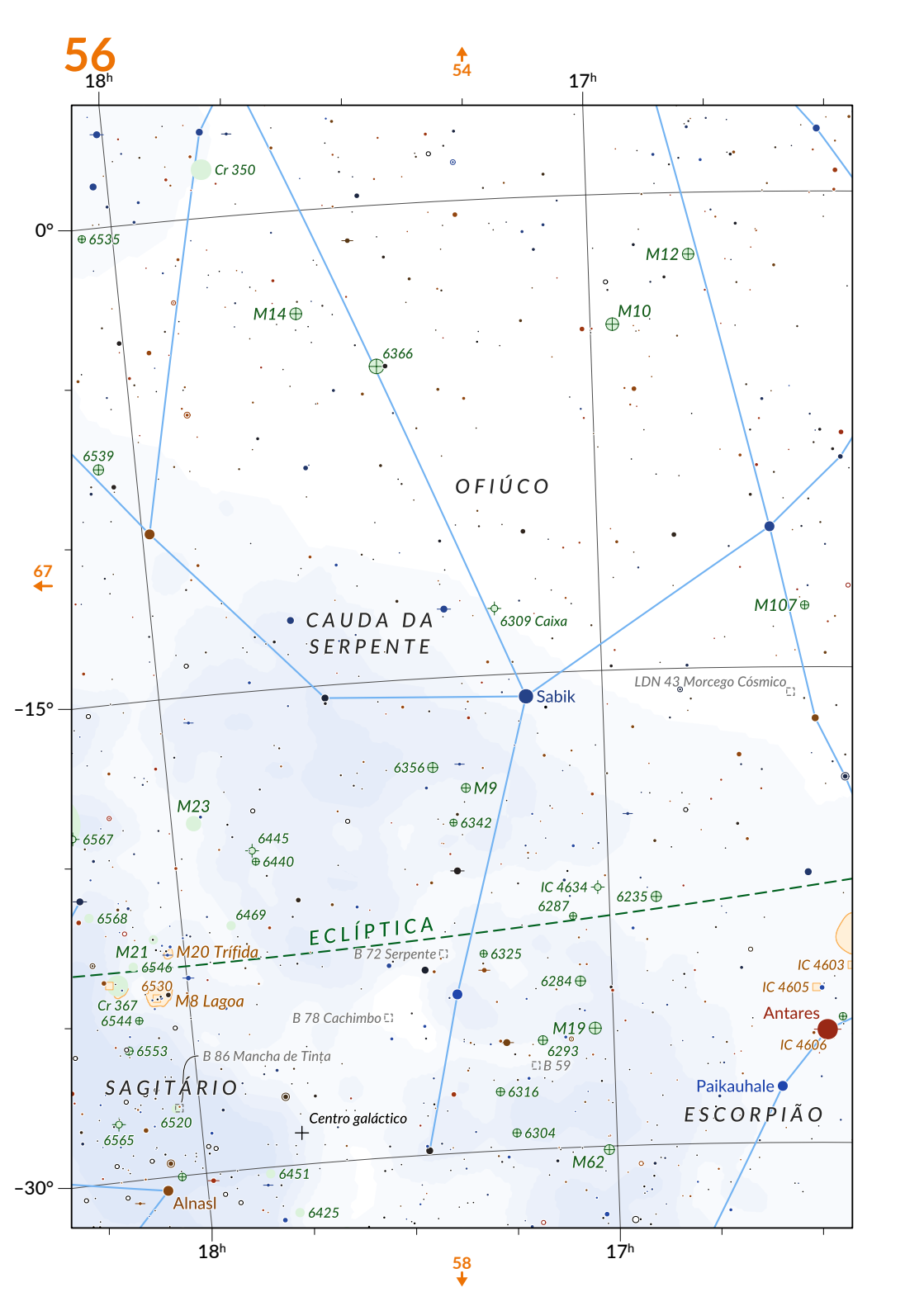

0h
3h
6h
9h
CEFEU
188
2300
Polo Norte
Estrela Polar
IC 3568
12h
+75°
61
41
Kochab
URSA MENOR
6503
6543 Olho de Gato
DRAGÃO
Athebyne
Trio do Dragão
+60°
15h
17h
16h
52
53

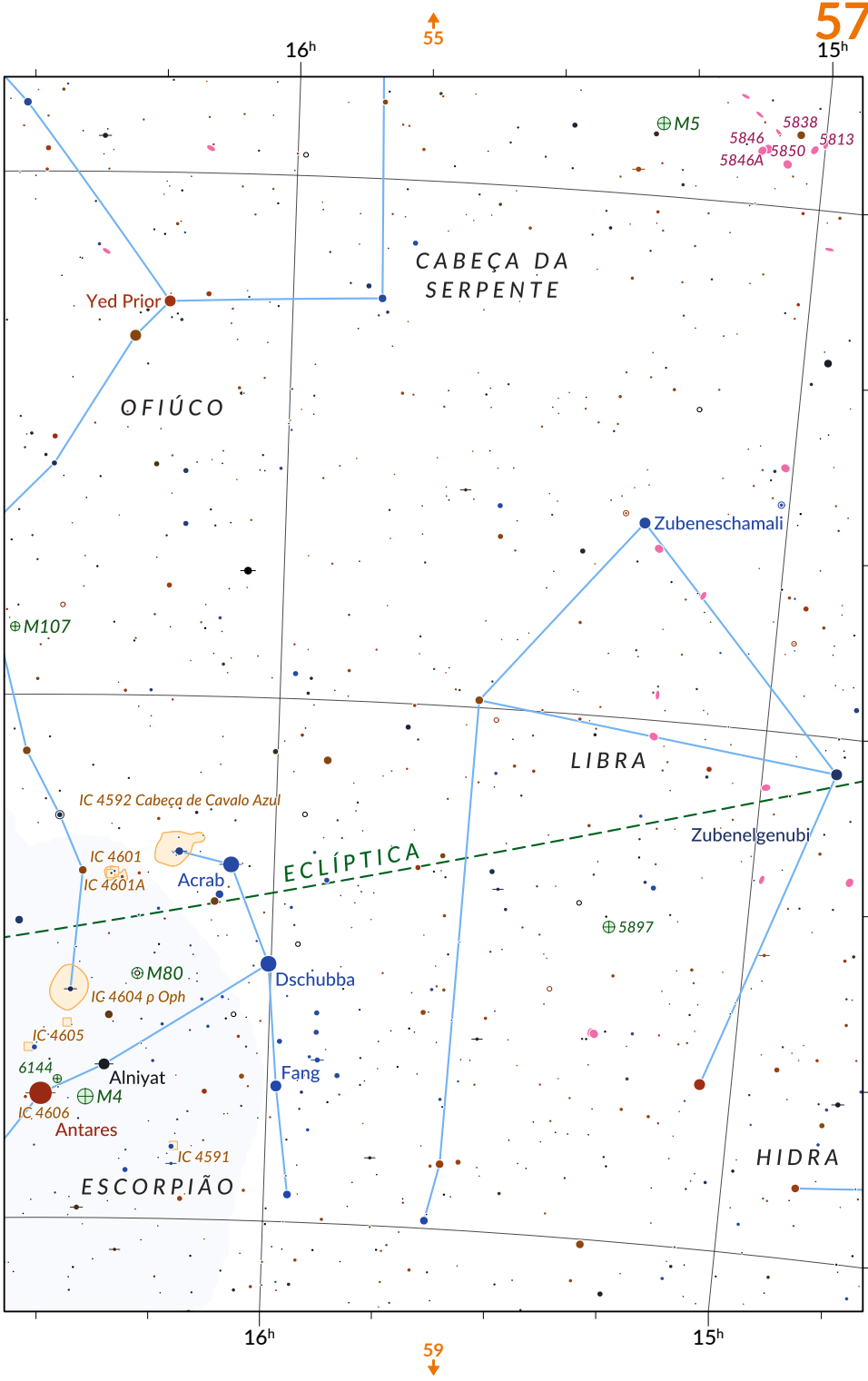

52
61
51
19h
18h
17h
CISNE
DRAGÃO
Athebyne
Eltanin
Rastaban
+45°
63
6229
Vega
M92
M13
HÉRCULES
+30°
18h
17h
54

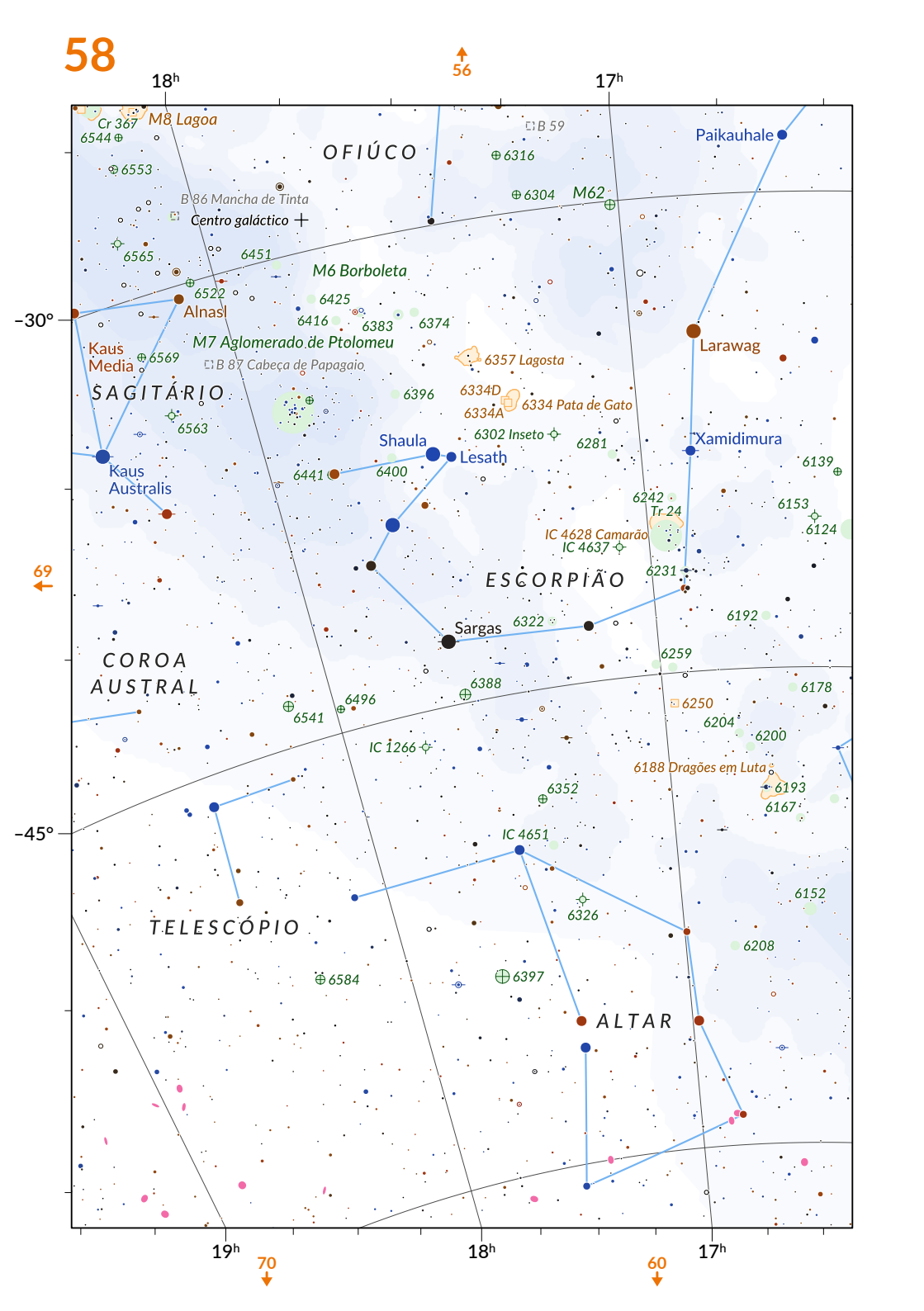

16h
51
15h
41
14h
Athebyne
Trio do Dragão
DRAGÃO
5907 Lasca
M102
5585
5474
M101 Cata-Vento
+45°
42
BOIEIRO
HÉRCULES
+30°
Izar
COROA BOREAL
Alphecca
16h
55
15h

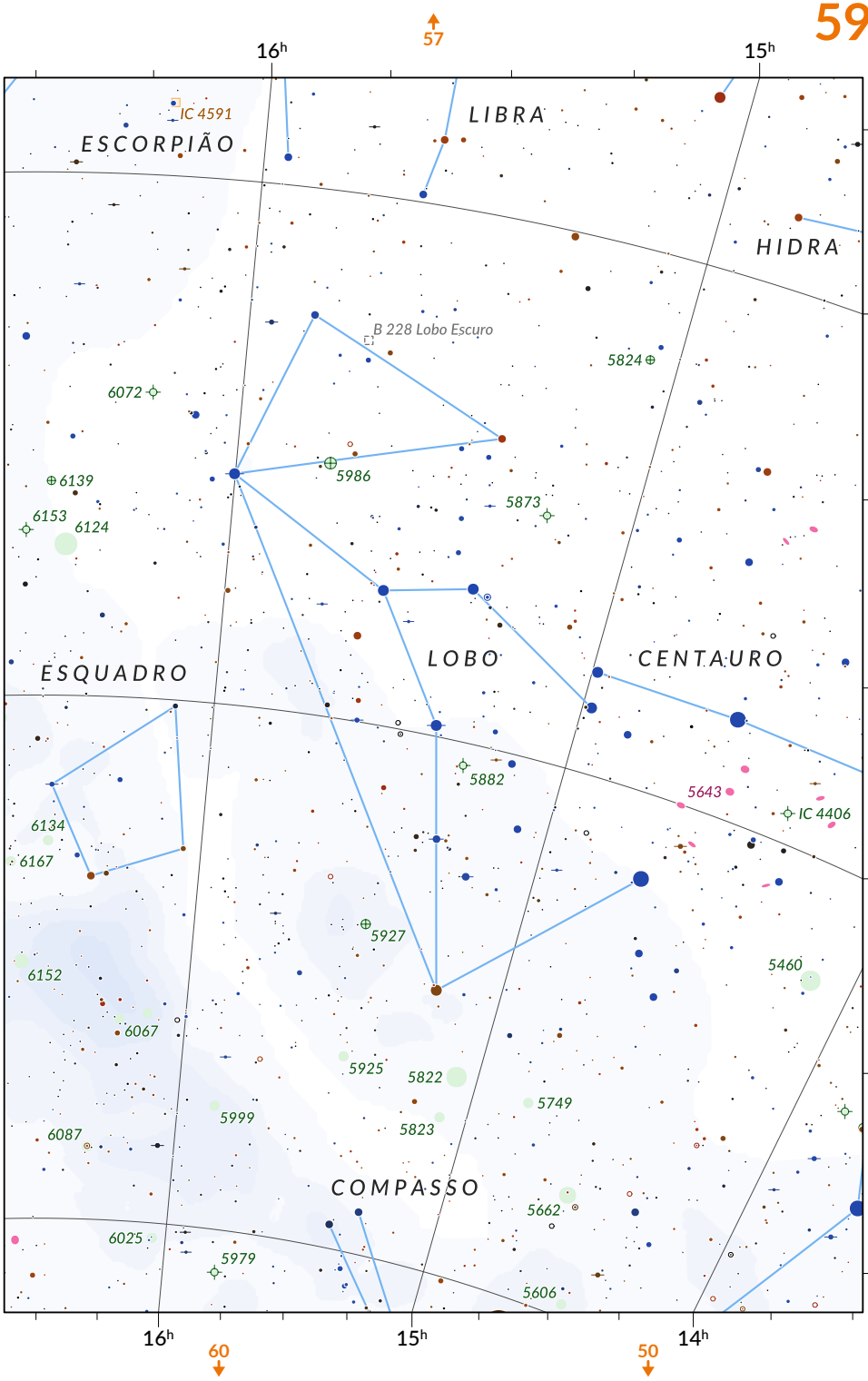

54
52
18h
17h
+30°
HÉRCULES
6210 Tartaruga
Kornephoros
65
+15°
Rasalgethi
Rasalhague
2028–2040
Voyager 1
6384
IC 4665
OFIÚCO
Cebalrai
Cr 350
0°
6535
M14
M12
18h
17h
56

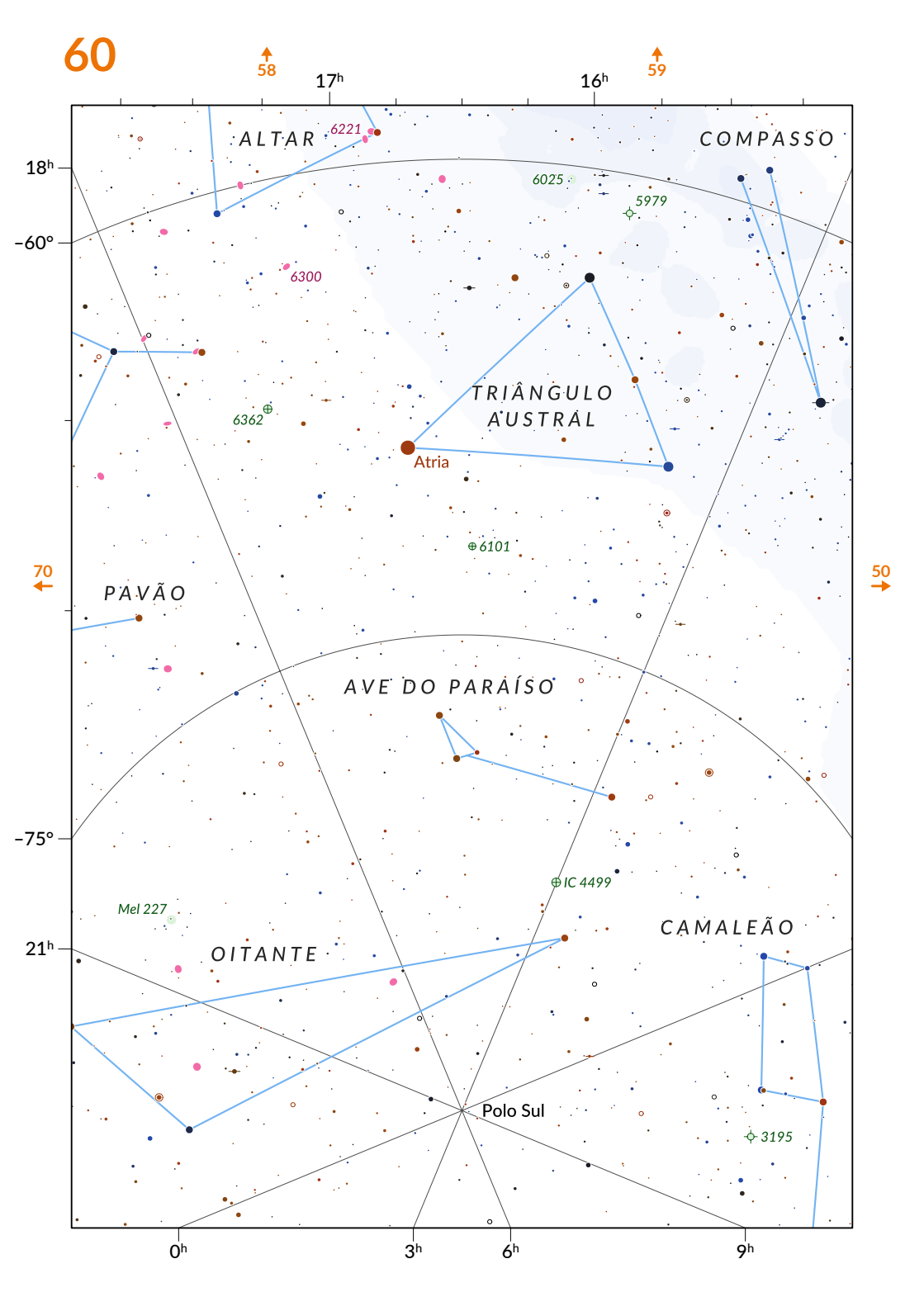

55
53
16h
15h
BOIEIRO
+30°
COROA BOREAL
Izar
Alphecca
Kornephoros
Sexteto
de Seyfert
HÉRCULES
44
+15°
IC 4593
CABEÇA DA
SERPENTE
Unukalhai
5921
OFIÚCO
M5
5846A
5846
5813
0°
16h
15h
57


56
54
18h
17h
0°
−15°
−30°
67
58
Cr 350
6535
M14
6366
M12
M10
6539
OFIÚCO
CAUDA DA SERPENTE
6309 Caixa
M107
LDN 43 Morcego Cósmico
Sabik
6356
M9
6342
M23
6567
6445
6440
6568
6469
IC 4634
6235
6287
ECLÍPTICA
M21
M20 Trífida
B 72 Serpente
6325
6546
6530
Cr 367
M8 Lagoa
6544
6284
IC 4603
IC 4605
Antares
IC 4606
B 78 Cachimbo
M19
6293
B 59
6553
B 86 Mancha de Tinta
SAGITÁRIO
6316
Paikauhale
ESCORPIÃO
6520
Centro galáctico
6565
6304
M62
6451
Alnasl
6425

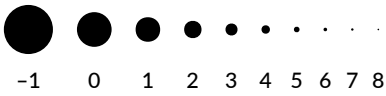

57
55
16h
15h
M5
5838
5846
5813
5850
5846A
0°
CABEÇA DA
SERPENTE
Yed Prior
OFIÚCO
Zubeneschamali
46
M107
−15°
LIBRA
IC 4592 Cabeça de Cavalo Azul
Zubenelgenubi
IC 4601
IC 4601A
Acrab
ECLÍPTICA
5897
M80
Dschubba
IC 4604 ρ Oph
IC 4605
6144
Alniyat
Fang
M4
IC 4606
Antares
IC 4591
HIDRA
ESCORPIÃO
−30°
16h
15h
59


18h
56
17h
Cr 367
M8 Lagoa
6544
OFIÚCO
B 59
Paikauhale
6553
6316
B 86 Mancha de Tinta
Centro galáctico
6304
M62
6565
6451
M6 Borboleta
6522
Alnasl
6425
6416
6383
6374
−30°
Kaus Media
6569
M7 Aglomerado de Ptolomeu
B 87 Cabeça de Papagaio
6357 Lagosta
Larawag
SAGITÁRIO
6396
6334D
6334A
6334 Pata de Gato
6563
6302 Inseto
6281
Shaula
Lesath
Xamidimura
6139
Kaus Australis
6441
6400
6242
Tr 24
6153
6124
IC 4628 Camarão
IC 4637
69
ESCORPIÃO
6231
6322
Sargas
6192
COROA AUSTRAL
6259
6388
6178
6541
6496
6250
6204
6200
IC 1266
6188 Dragões em Luta
6352
6193
6167
−45°
IC 4651
6326
6152
TELESCÓPIO
6208
6584
6397
ALTAR
19h
70
18h
60
17h


57
16h
15h
IC 4591
ESCORPIÃO
LIBRA
HIDRA
B 228 Lobo Escuro
5824
6072
5986
6139
6153
6124
5873
-30°
48
ESQUADRO
LOBO
CENTAURO
5882
5643
IC 4406
6134
6167
-45°
5927
6152
5460
6067
5925
5822
5749
6087
5999
5823
COMPASSO
6025
5662
5979
5606
16h
15h
14h
60
50


60
58
59
17h
16h
18h
−60°
−75°
21h
70
50
0h
3h
6h
9h
ALTAR
6221
COMPASSO
6025
5979
6300
6362
TRIÂNGULO
AUSTRAL
Atria
6101
PAVÃO
AVE DO PARAÍSO
IC 4499
Mel 227
OITANTE
CAMALEÃO
Polo Sul
3195

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

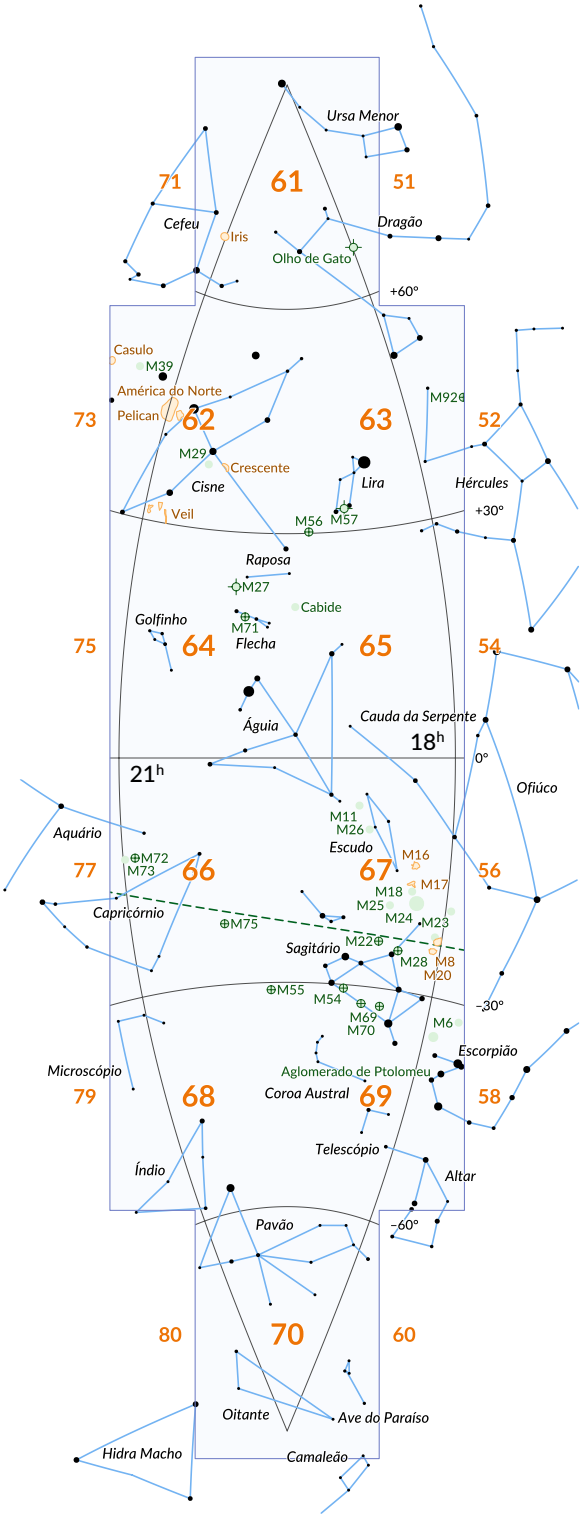
Nebulosa escura

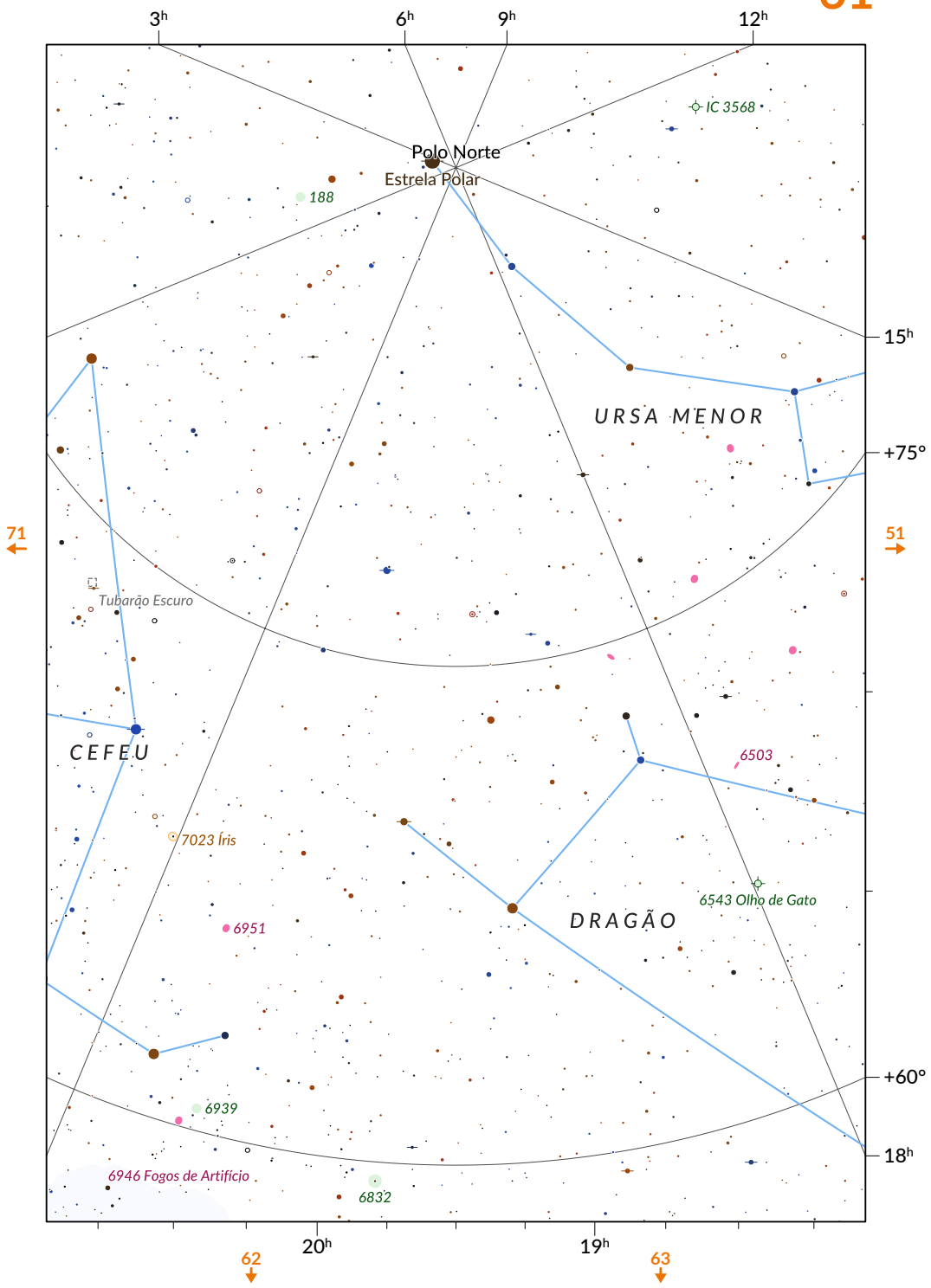
Nebulosa planetária

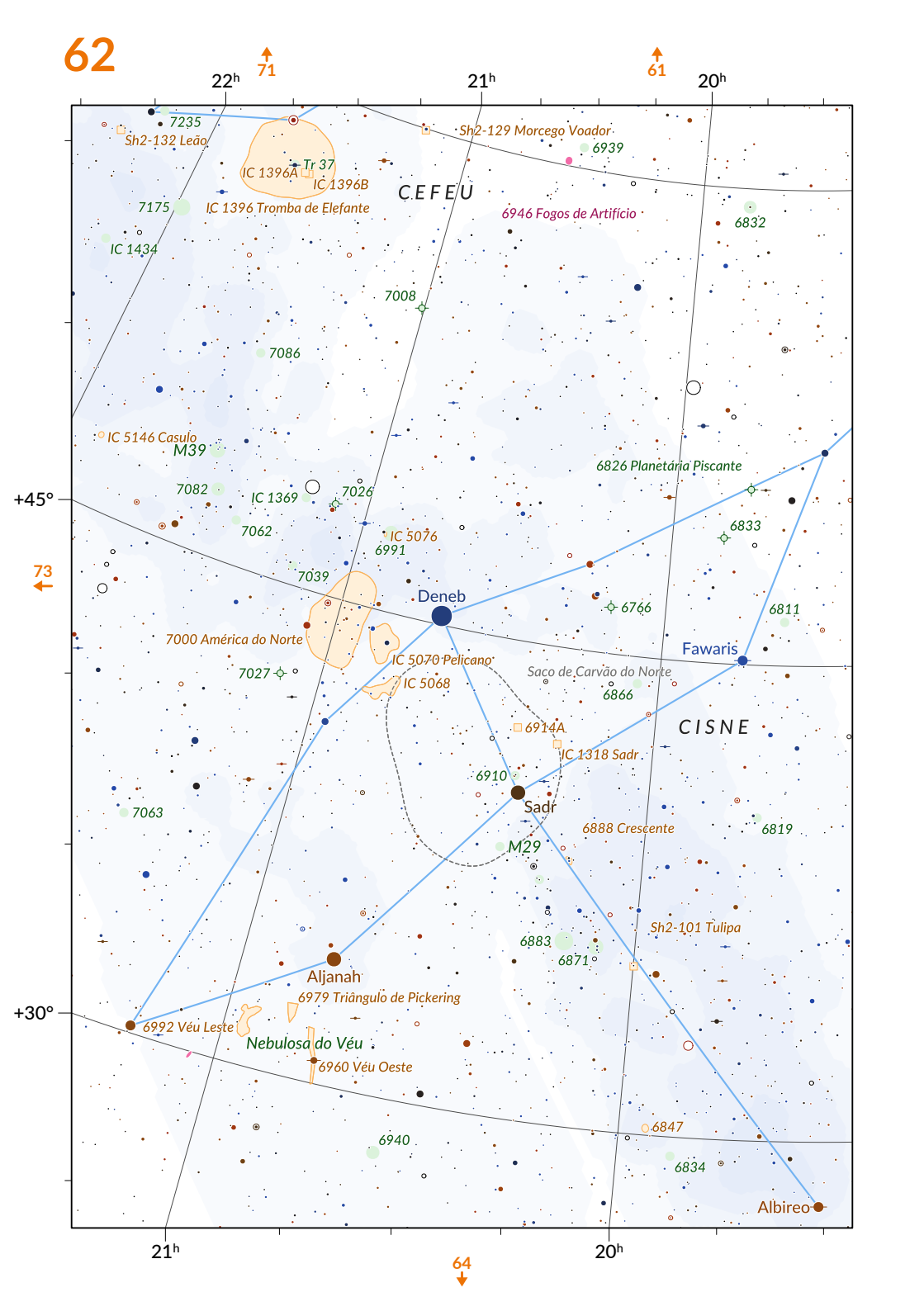
Cartas 61–70

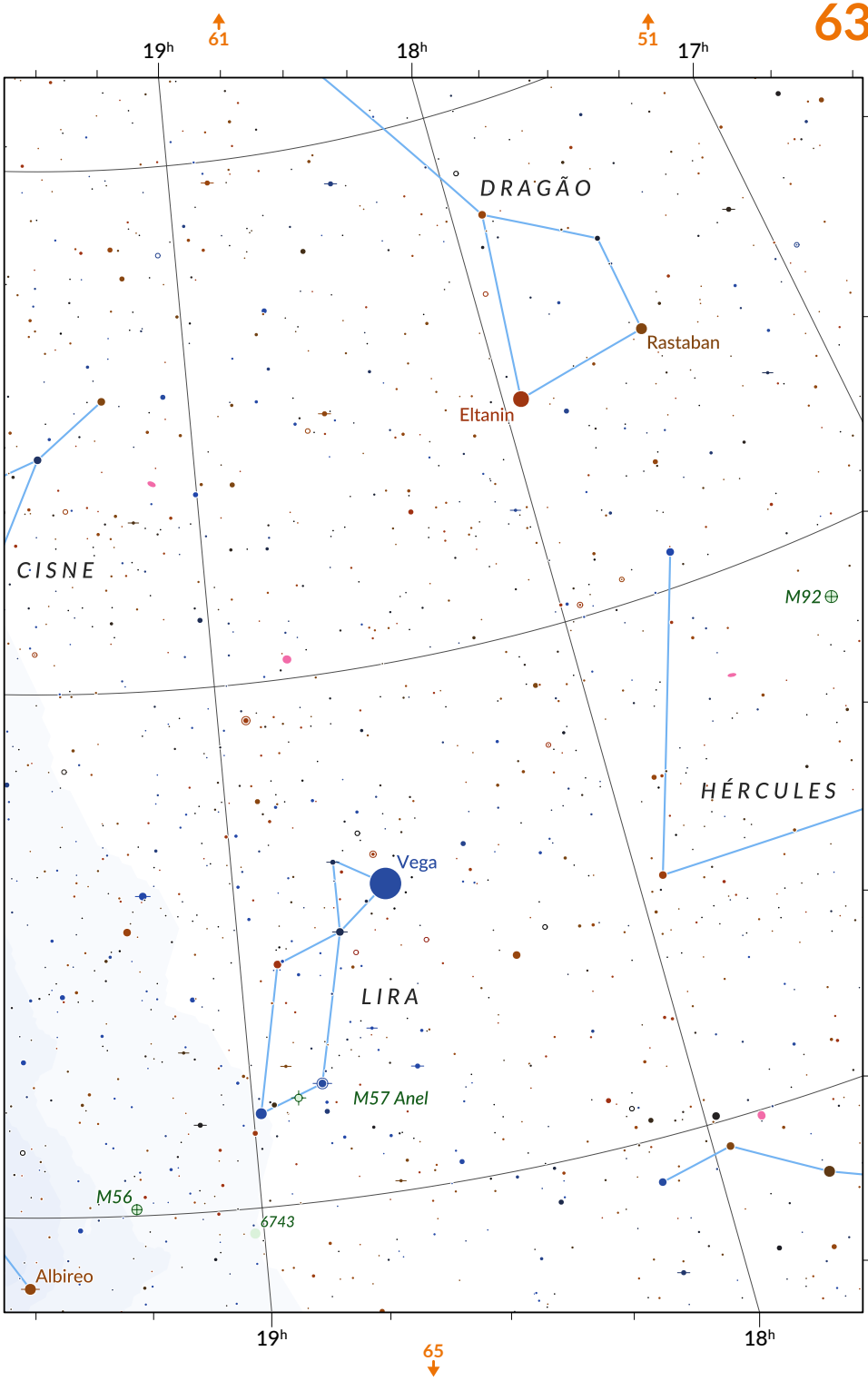
Ascensão reta de 18^h a 21^h

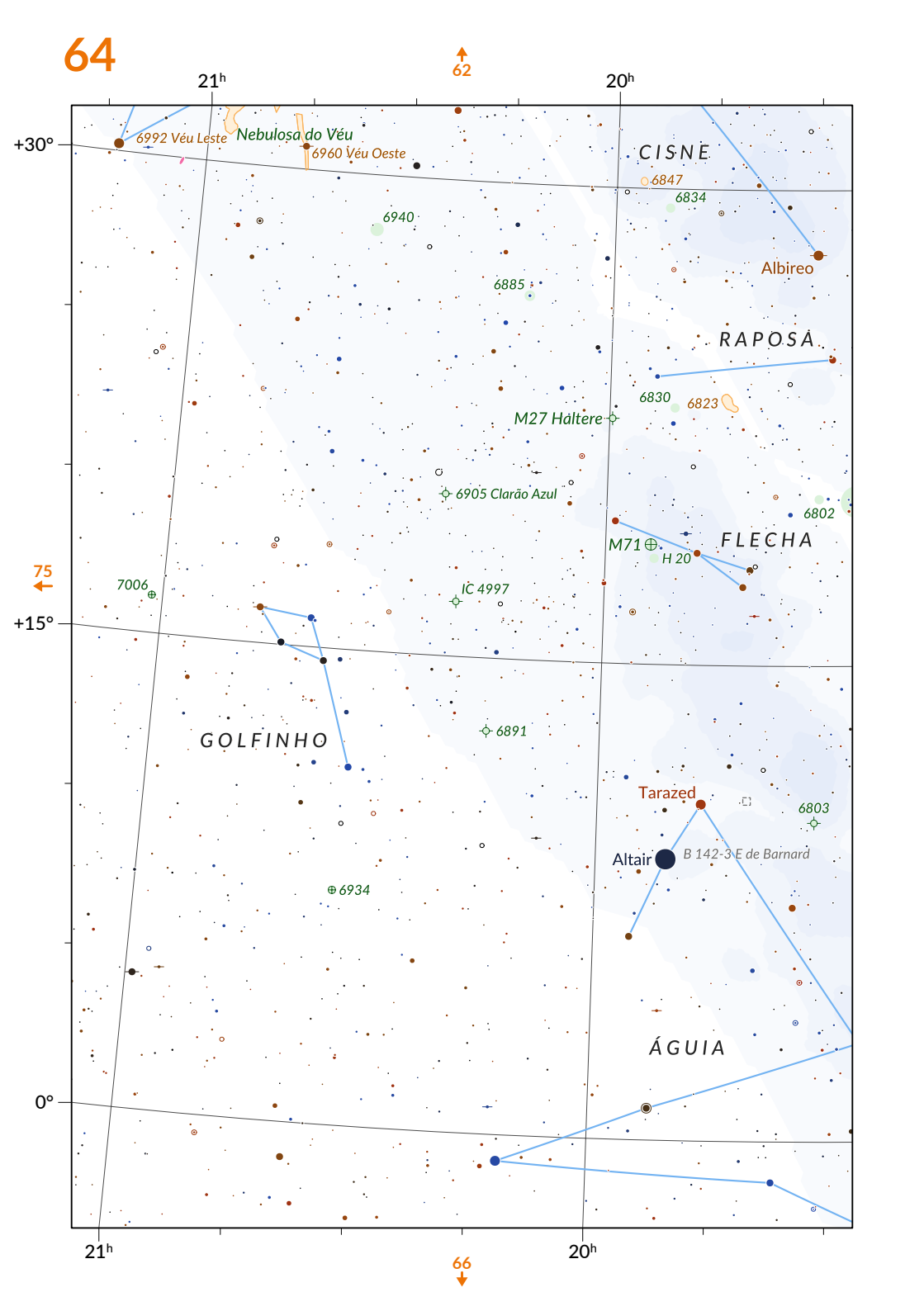
Agosto/setembro

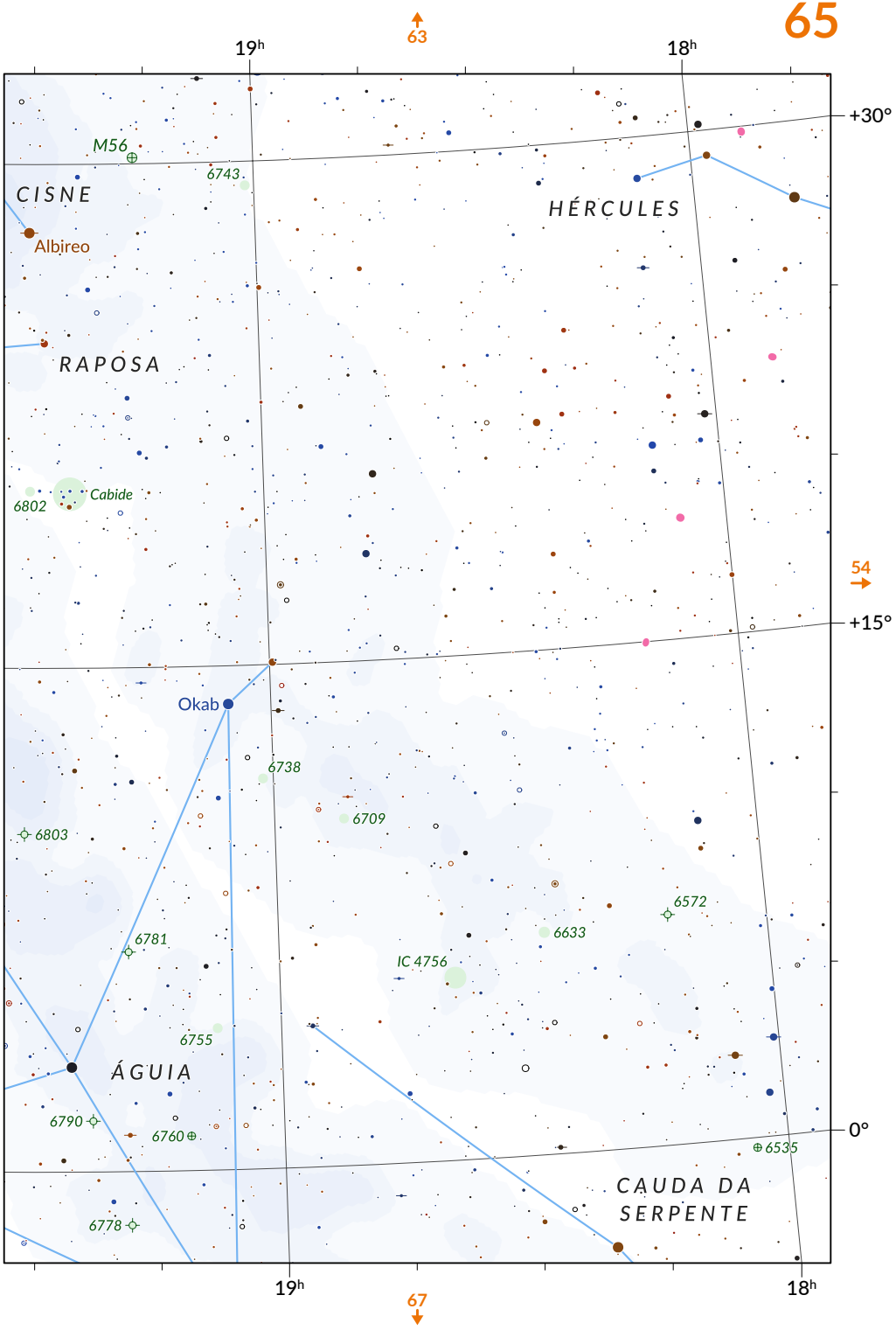


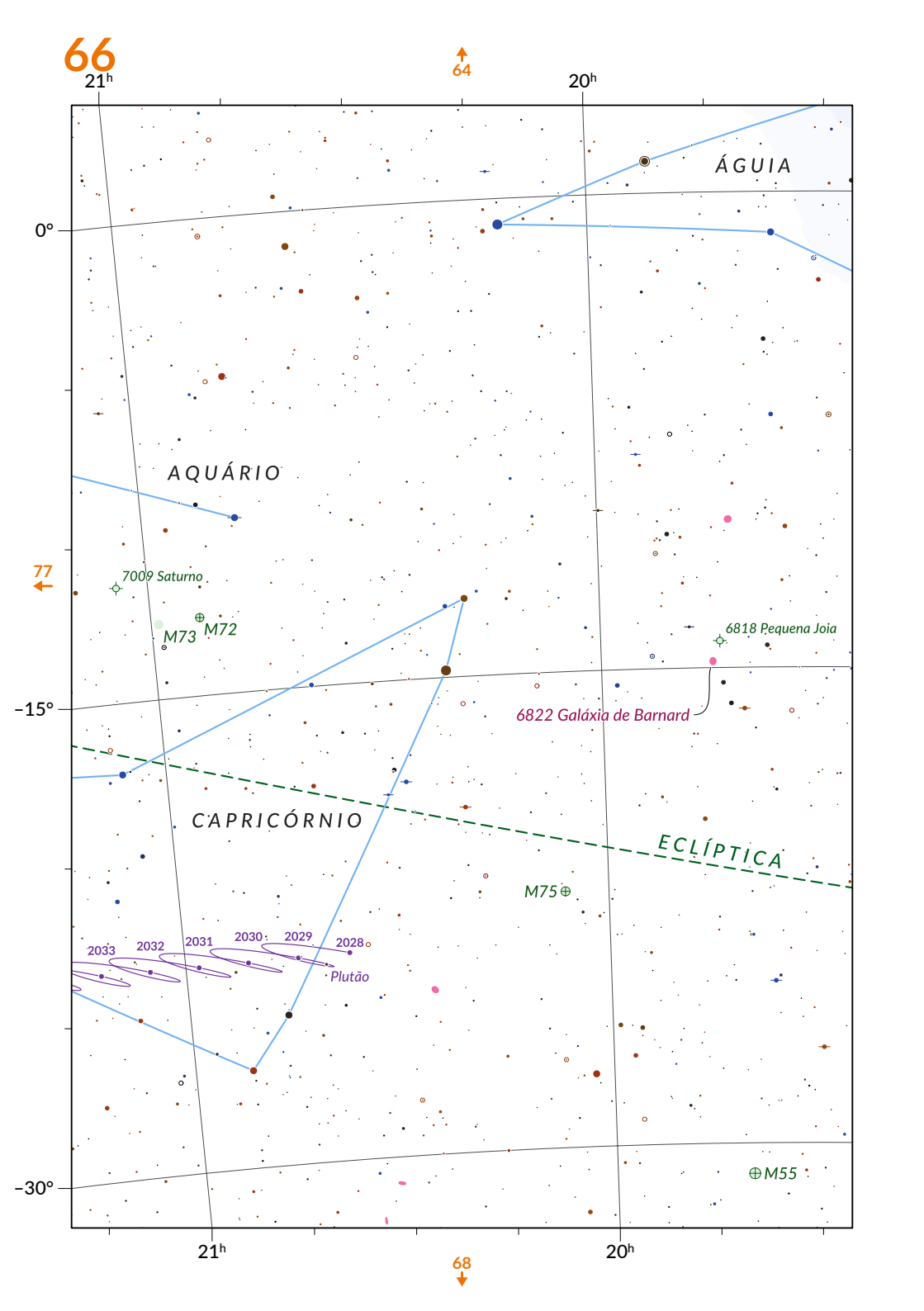

3h
6h
9h
12h
IC 3568
Polo Norte
Estrela Polar
188
15h
URSA MENOR
+75°
71
51
Tubarão Escuro
CEFEU
6503
7023 Íris
6543 Olho de Gato
DRAGÃO
6951
+60°
6939
18h
6946 Fogos de Artifício
6832
20h
19h
62
63

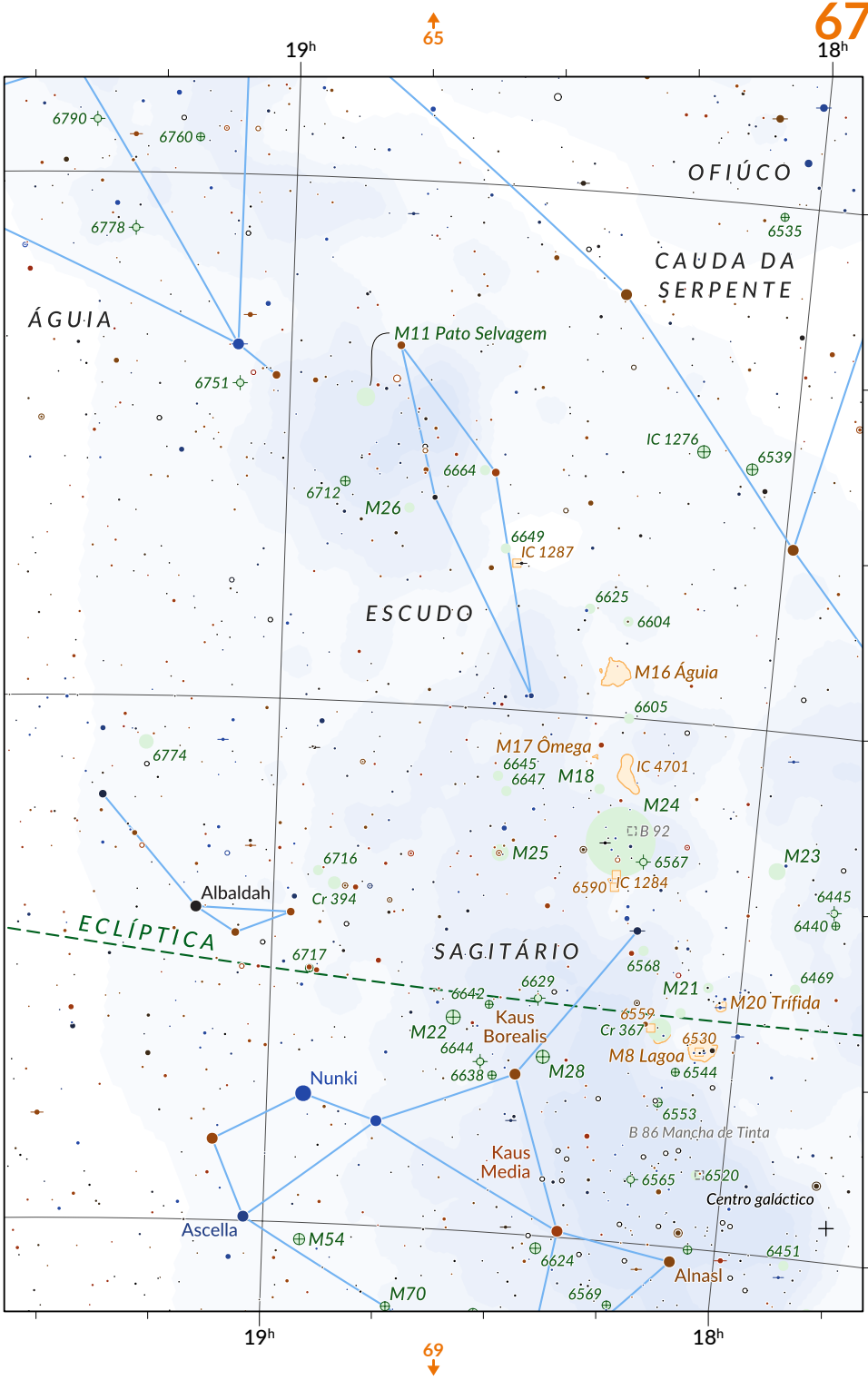

62
71
61
22h
21h
20h
7235
Sh2-132 Leão
Sh2-129 Morcego Voador
6939
IC 1396A
Tr 37
IC 1396B
CEFEU
7175
IC 1396 Tromba de Elefante
6946 Fogos de Artifício
6832
IC 1434
7008
7086
IC 5146 Casulo
M39
6826 Planetária Piscante
+45°
7082
IC 1369
7026
6833
7062
IC 5076
6991
73
7039
Deneb
6766
6811
7000 América do Norte
Fawaris
IC 5070 Pelicano
Saco de Carvão do Norte
7027
IC 5068
6866
6914A
CISNE
IC 1318 Sadr
6910
Sadr
7063
6888 Crescente
6819
M29
Sh2-101 Tulipa
6883
6871
Aljanah
6979 Triângulo de Pickering
+30°
6992 Véu Leste
Nebulosa do Véu
6960 Véu Oeste
6847
6940
6834
Albireo
21h
20h
64

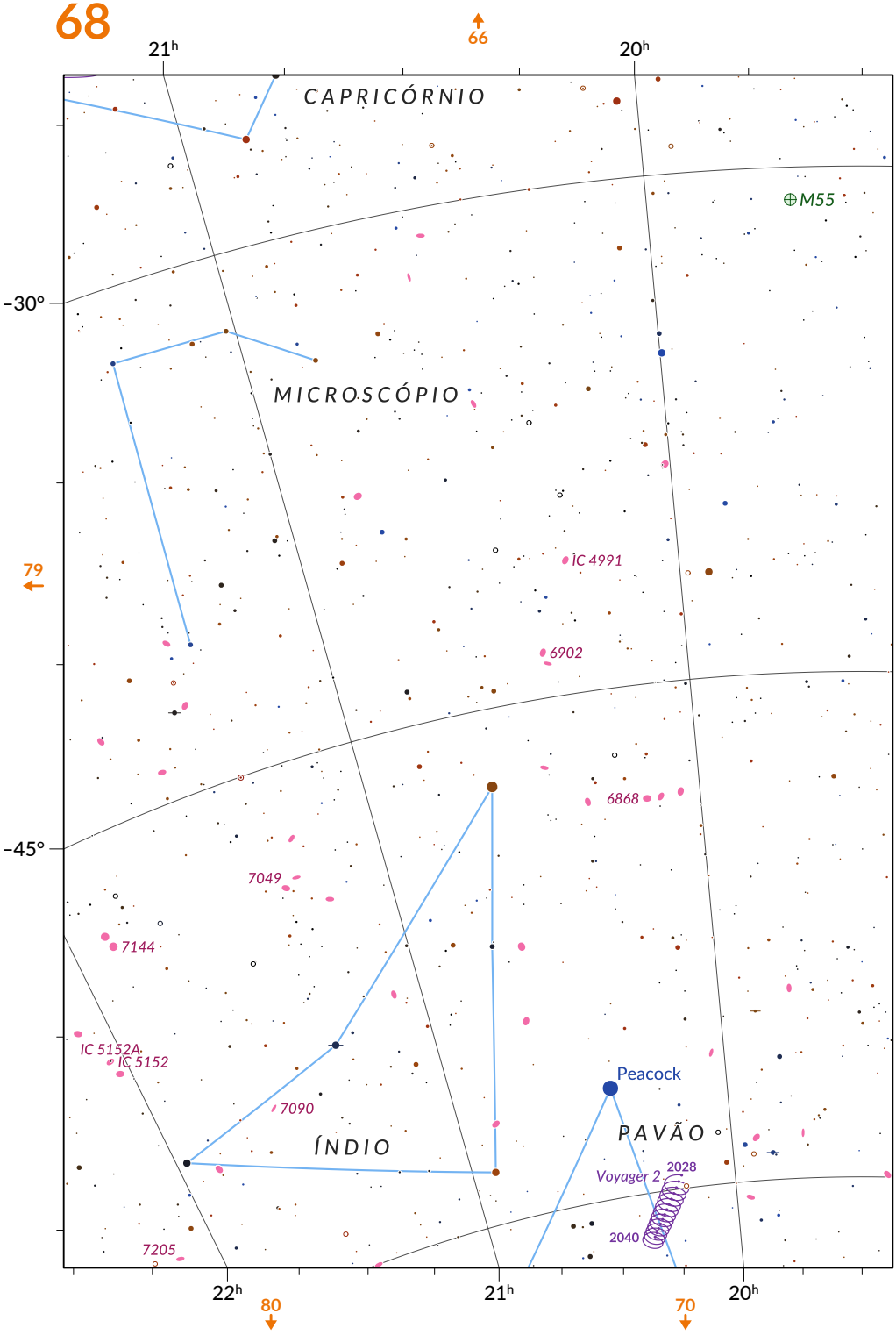

19h
61
18h
51
17h
DRAGÃO
Rastaban
Eltanin
+45°
CISNE
M92
52
HÉRCULES
Vega
LIRA
M57 Anel
+30°
M56
6743
Albireo
19h
65
18h

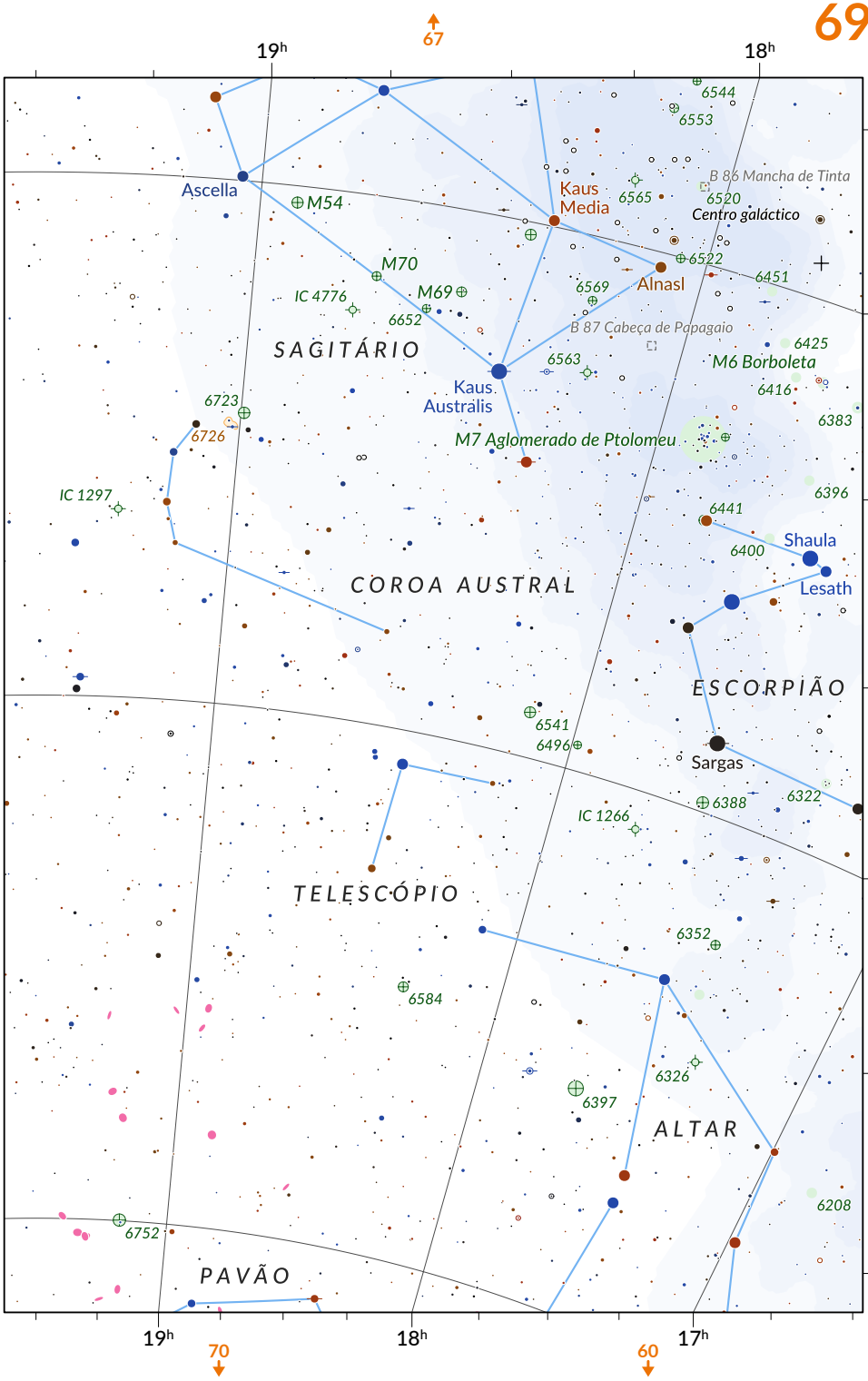

64
62
21h
20h
+30°
+15°
0°
75
66
6992 Véu Leste
Nebulosa do Véu
6960 Véu Oeste
CISNE
6847
6834
6940
Albireo
6885
RAPOSA
6830
6823
M27 Haltere
6905 Clarão Azul
6802
M71
FLECHA
H 20
7006
IC 4997
GOLFINHO
6891
Tarazed
6803
Altair
B 142-3 E de Barnard
6934
ÁGUIA

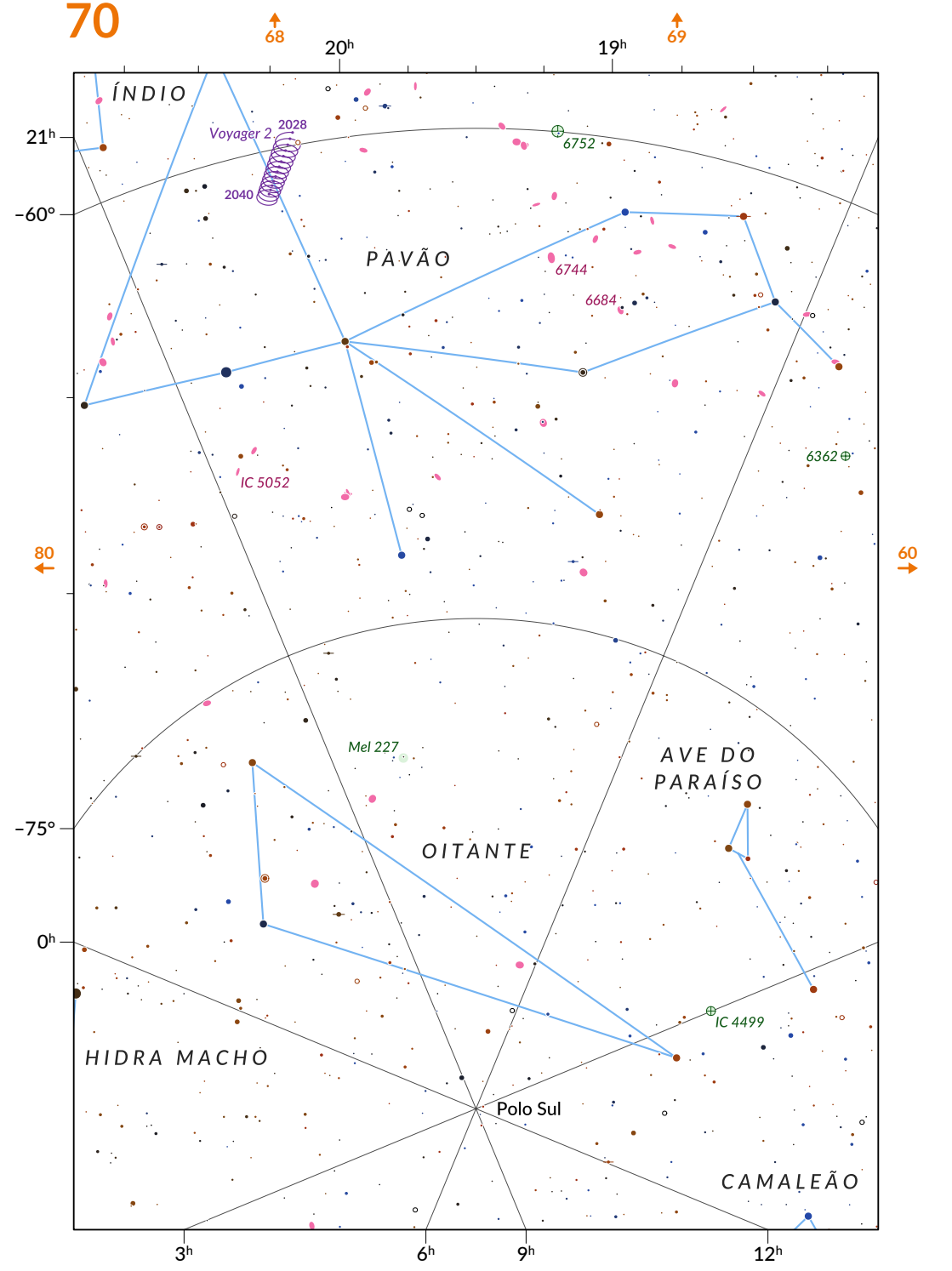

63
19h
18h
+30°
M56
6743
CISNE
Albireo
HÉRCULES
RAPOSA
6802
Cabide
54
+15°
Okab
6738
6709
6803
6572
6633
6781
IC 4756
6755
ÁGUIA
6790
6760
6535
0°
CAUDA DA SERPENTE
6778
19h
18h
67


66
64
21h
20h
ÁGUIA
0°
AQUÁRIO
77
7009 Saturno
M73
M72
6818 Pequena Joia
−15°
6822 Galáxia de Barnard
CAPRICÓRNIO
ECLÍPTICA
M75
2033
2032
2031
2030
2029
2028
Plutão
M55
−30°
21h
20h
68

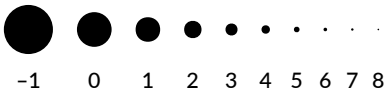

67
65
19h
18h
OFIÚCO
0°
6790
6760
6778
6535
CAUDA DA SERPENTE
ÁGUIA
M11 Pato Selvagem
6751
IC 1276
6539
6664
6712
M26
6649
IC 1287
56
6625
ESCUDO
6604
M16 Águia
6605
−15°
6774
M17 Ômega
6645
6647
M18
IC 4701
M24
B 92
6716
M25
6567
M23
6590
IC 1284
6445
Albaldah
Cr 394
6440
ECLÍPTICA
6717
SAGITÁRIO
6568
6629
6642
6469
M21
M20 Trífida
6559
Kaus Borealis
Cr 367
M22
6530
6644
M8 Lagoa
6638
M28
6544
Nunki
6553
B 86 Mancha de Tinta
Kaus Media
6565
6520
Centro galáctico
Ascella
M54
6624
6451
−30°
Alnasl
M70
6569
19h
18h
69


21h
66
20h
CAPRICÓRNIO
M55
−30°
MICROSCÓPIO
79
IC 4991
6902
6868
−45°
7049
7144
IC 5152A
IC 5152
7090
ÍNDIO
Peacock
PAVÃO
Voyager 2
2028
2040
7205
22h
80
21h
70
20h


67
19h
18h
6544
6553
Ascella
M54
Kaus Media
6565
B 86 Mancha de Tinta
6520
Centro galáctico
M70
6522
Alnasl
6451
IC 4776
M69
6569
6652
B 87 Cabeça de Papagaio
−30°
SAGITÁRIO
6425
M6 Borboleta
6563
Kaus Australis
6416
6723
6726
6383
M7 Aglomerado de Ptolomeu
IC 1297
6396
6441
Shaula
6400
Lesath
58
COROA AUSTRAL
ESCORPIÃO
6541
6496
Sargas
6322
6388
IC 1266
−45°
TELESCÓPIO
6352
6584
6326
6397
ALTAR
6208
6752
PAVÃO
19h
18h
17h
70
60


68
69
20h
19h
ÍNDIO
21h
Voyager 2
2028
2040
6752
−60°
PAVÃO
6744
6684
6362
IC 5052
80
60
Mel 227
AVE DO
PARAÍSO
−75°
OITANTE
0h
IC 4499
HIDRA MACHO
Polo Sul
CAMALEÃO
3h
6h
9h
12h

Legenda



Magnitudes das estrelas

Estrela dupla

Estrela variável (máx. e mín.)

Radiante de chuva de meteoros

Figura da constelação

Eclíptica

Trajetória (1º de janeiro)

Galáxia

Aglomerado aberto

Aglomerado globular

Nebulosa

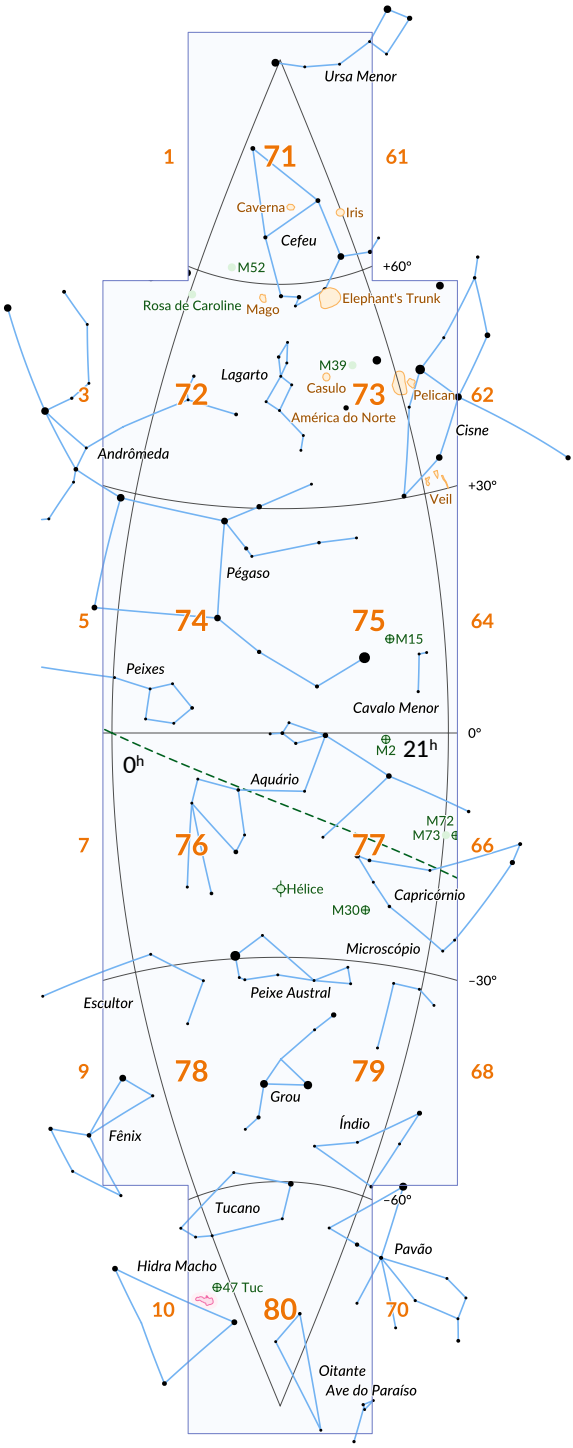
Nebulosa escura

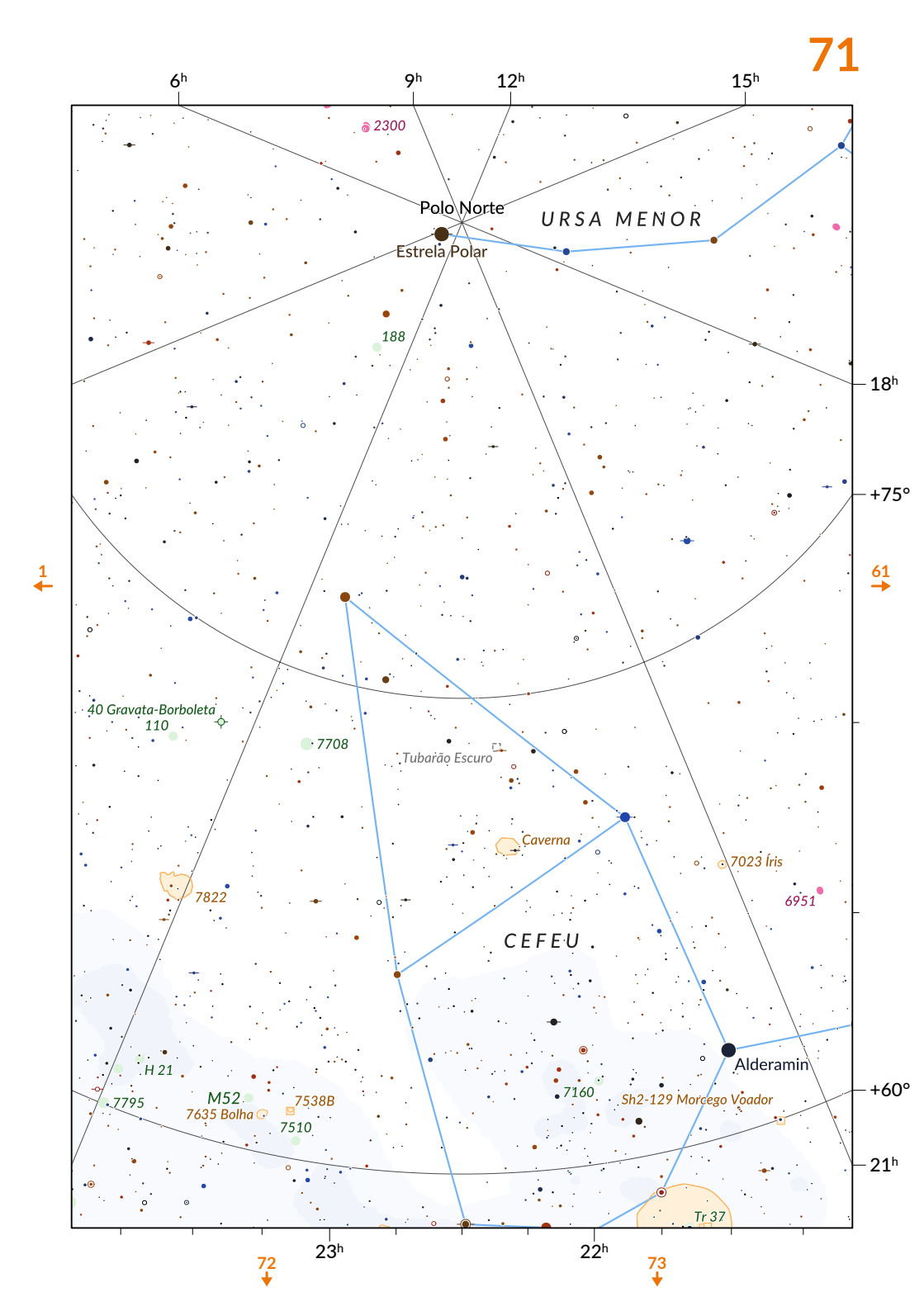
Nebulosa planetária

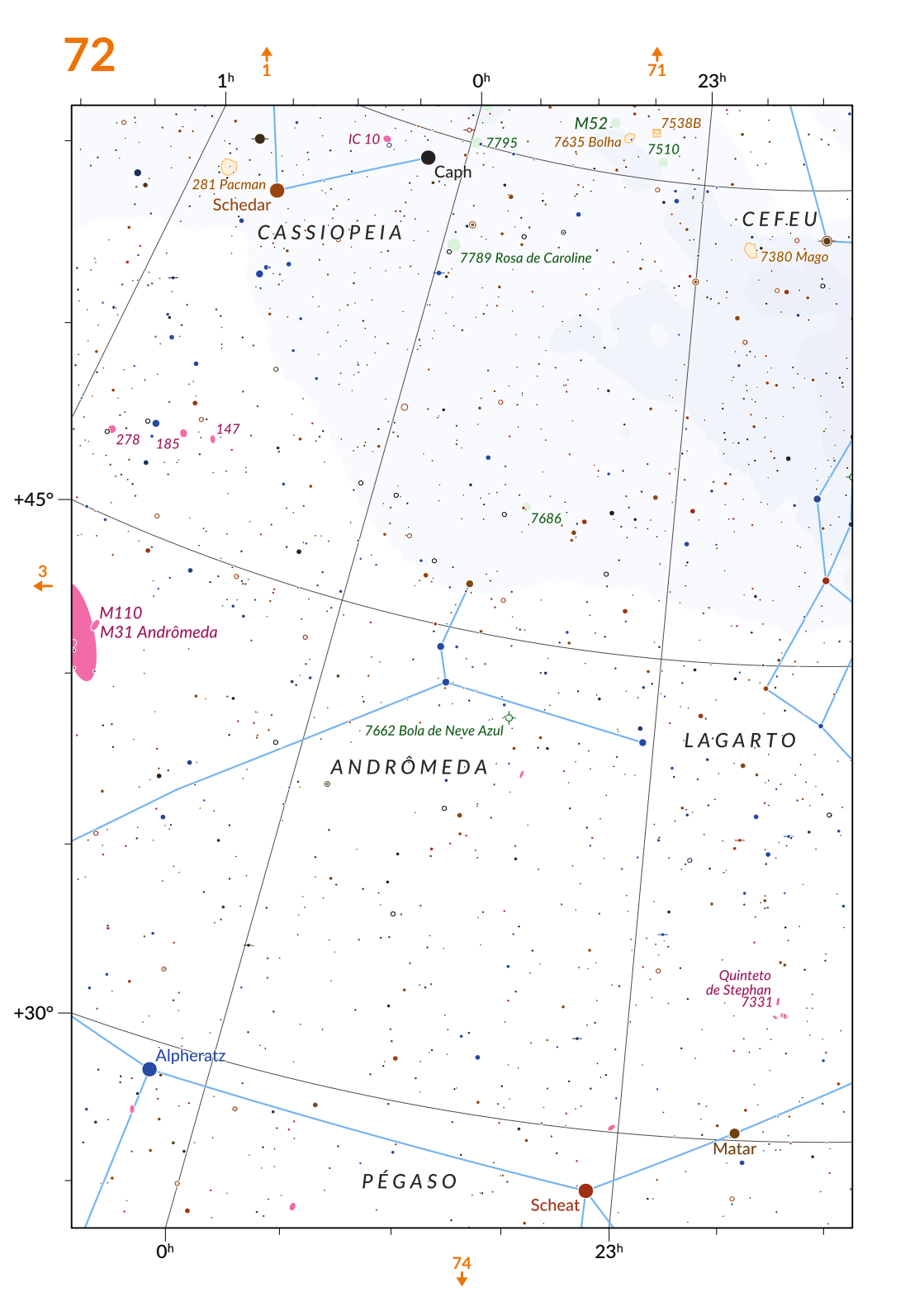
Cartas 71–80

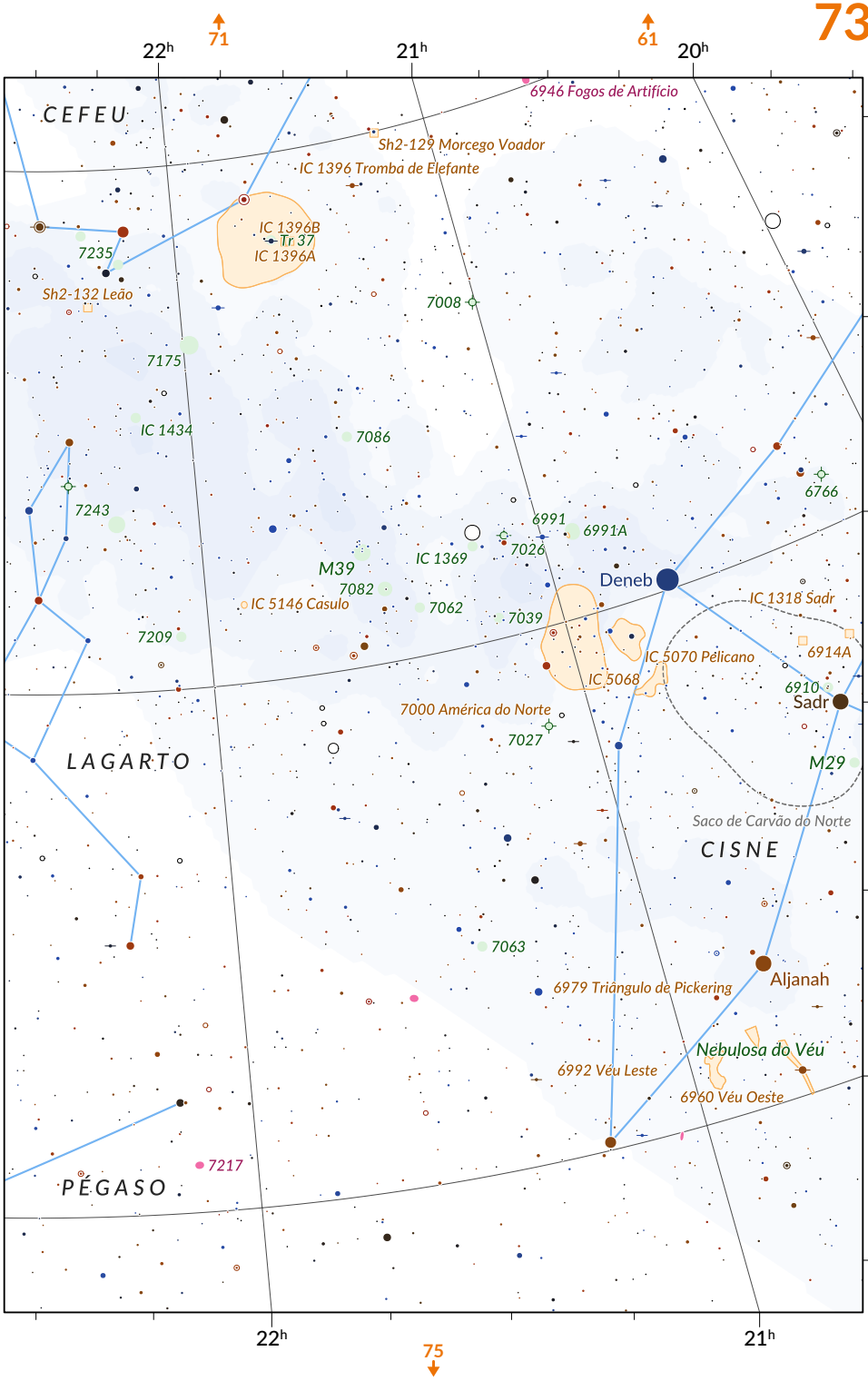
Ascensão reta de 21^h a 24^h

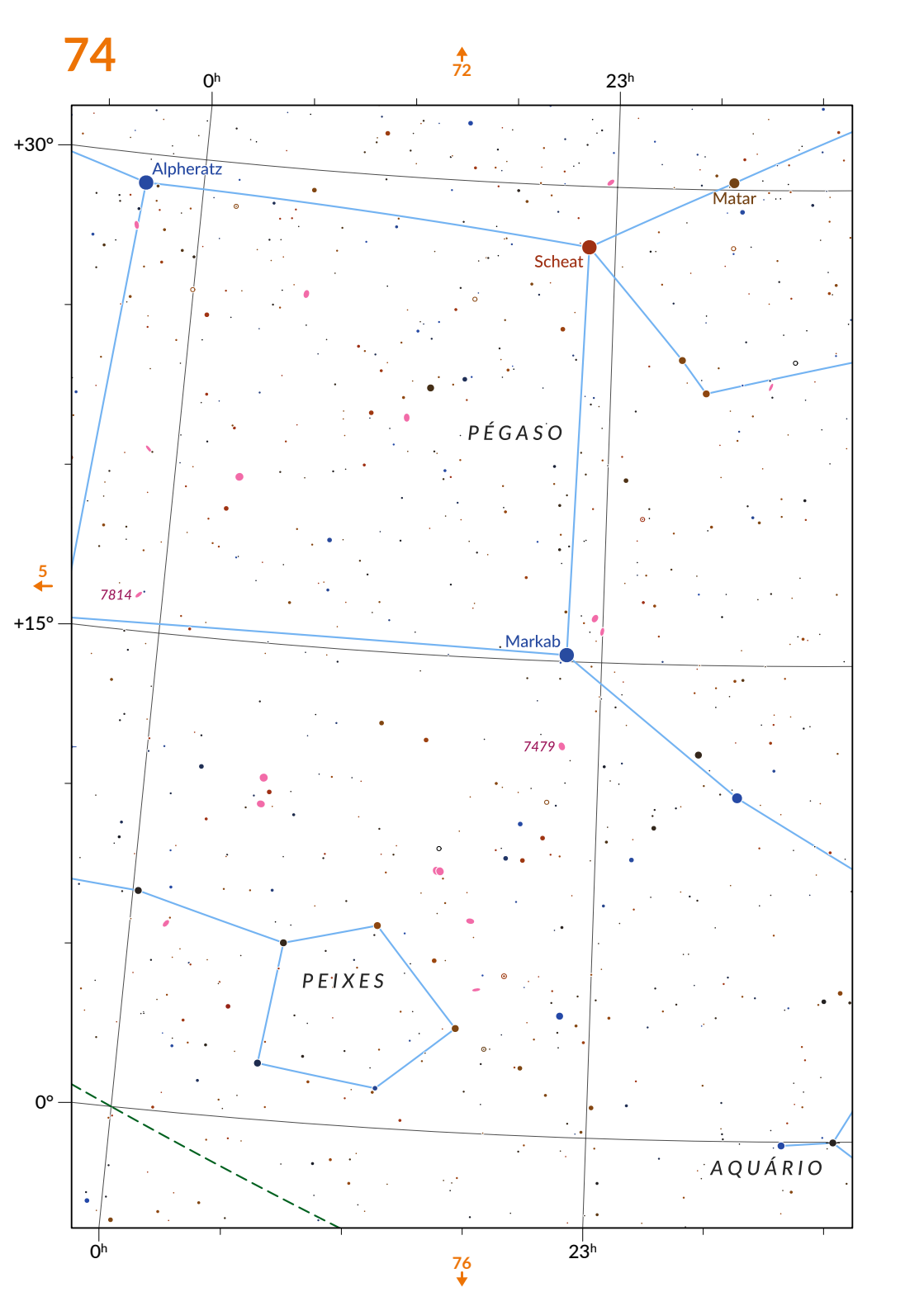
Outubro

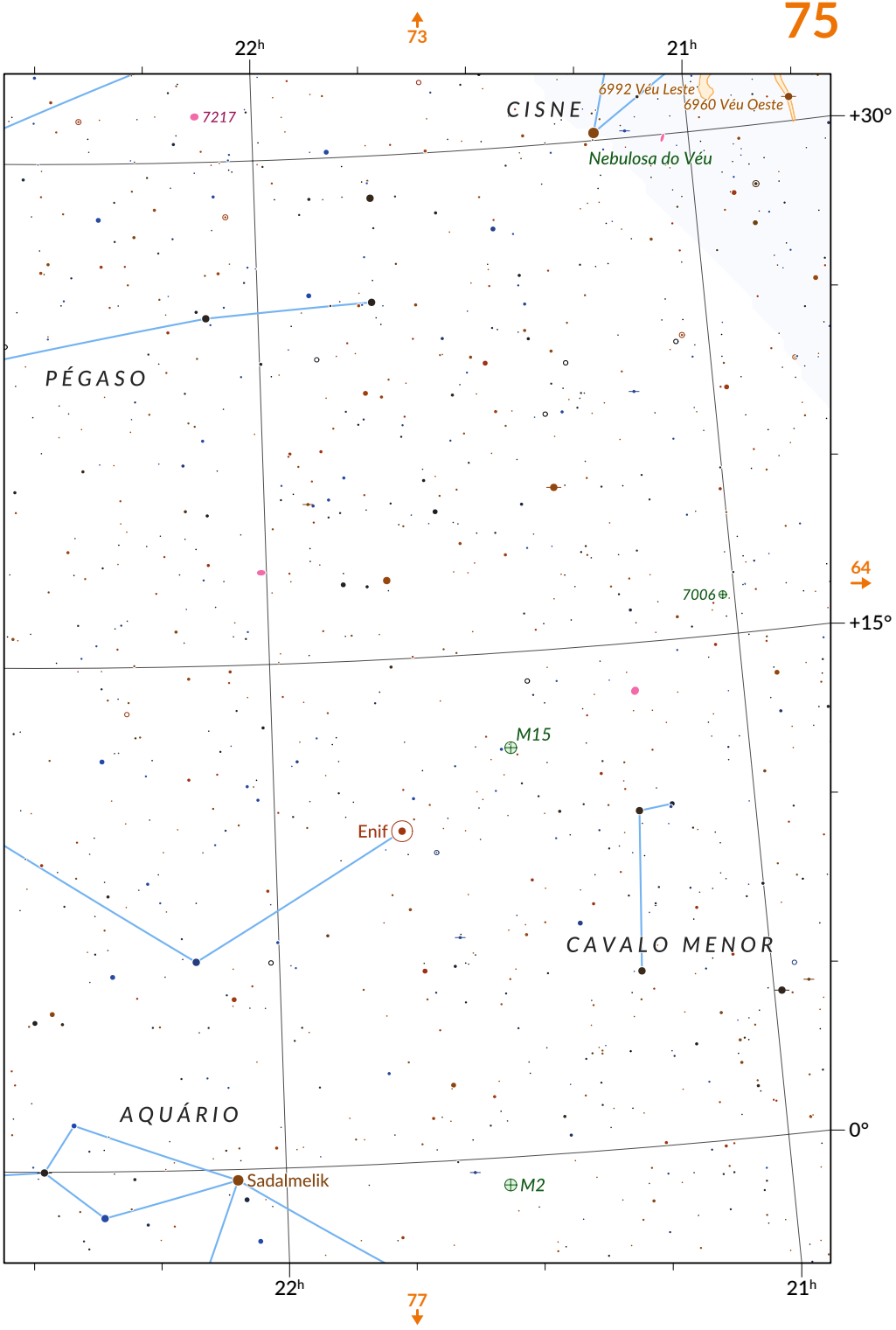


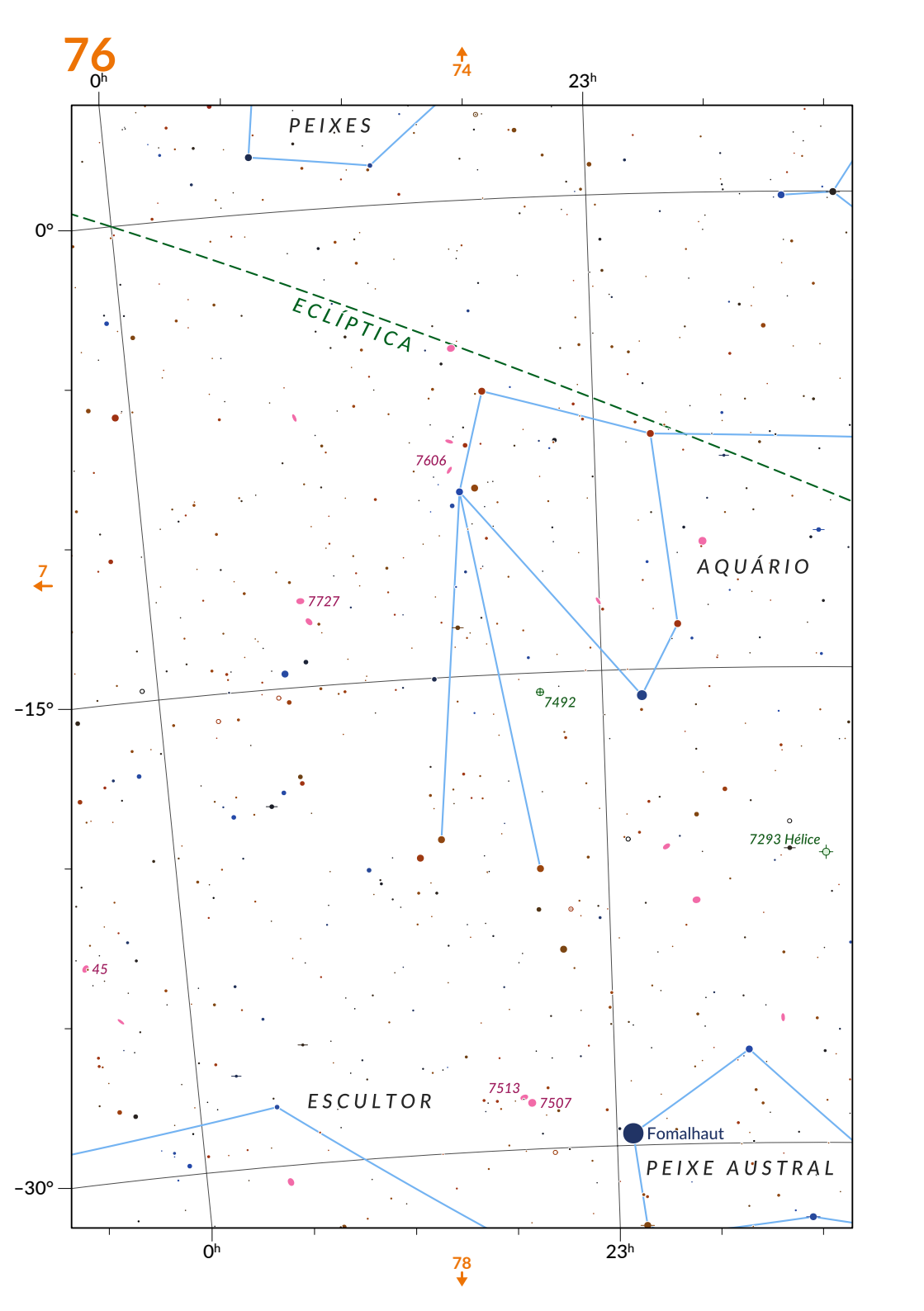

6h
9h
12h
15h
18h
+75°
+60°
21h
23h
22h
1
61
72
73
2300
Polo Norte
Estrela Polar
URSA MENOR
188
40 Gravata-Borboleta
110
7708
Tubarão Escuro
Caverna
7822
7023 Íris
6951
CEFEU
Alderamin
H 21
7795
M52
7635 Bolha
7538B
7510
7160
Sh2-129 Morcego Voador
Tr 37

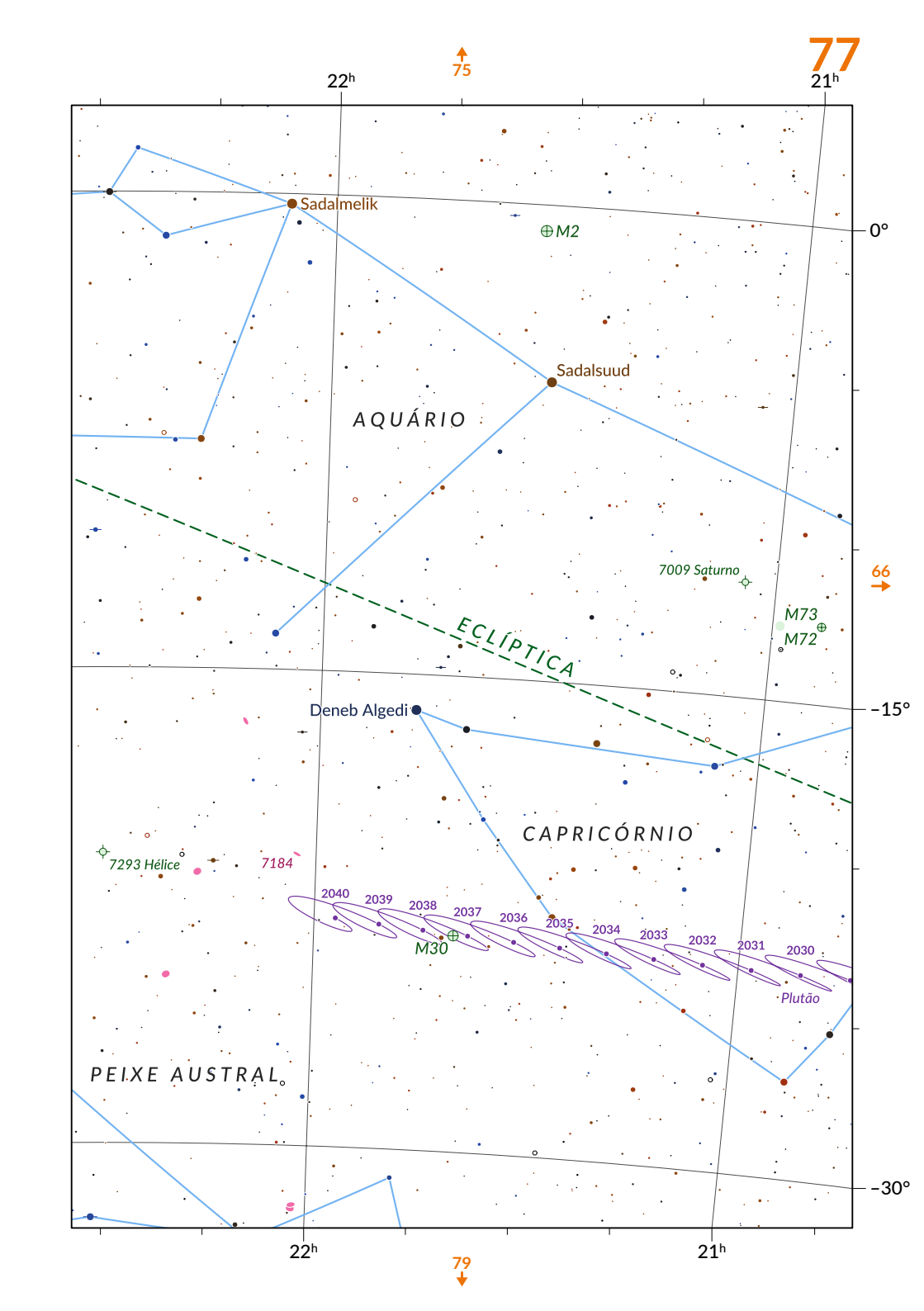

72
1
71
1h
0h
23h
M52
7538B
7635 Bolha
7510
IC 10
7795
Caph
281 Pacman
Schedar
CASSIOPEIA
CEFEU
7789 Rosa de Caroline
7380 Mago
278
185
147
+45°
7686
3
M110
M31 Andrômeda
7662 Bola de Neve Azul
LAGARTO
ANDRÔMEDA
Quinteto
de Stephan
7331
+30°
Alpheratz
Matar
PÉGASO
Scheat
0h
23h
74

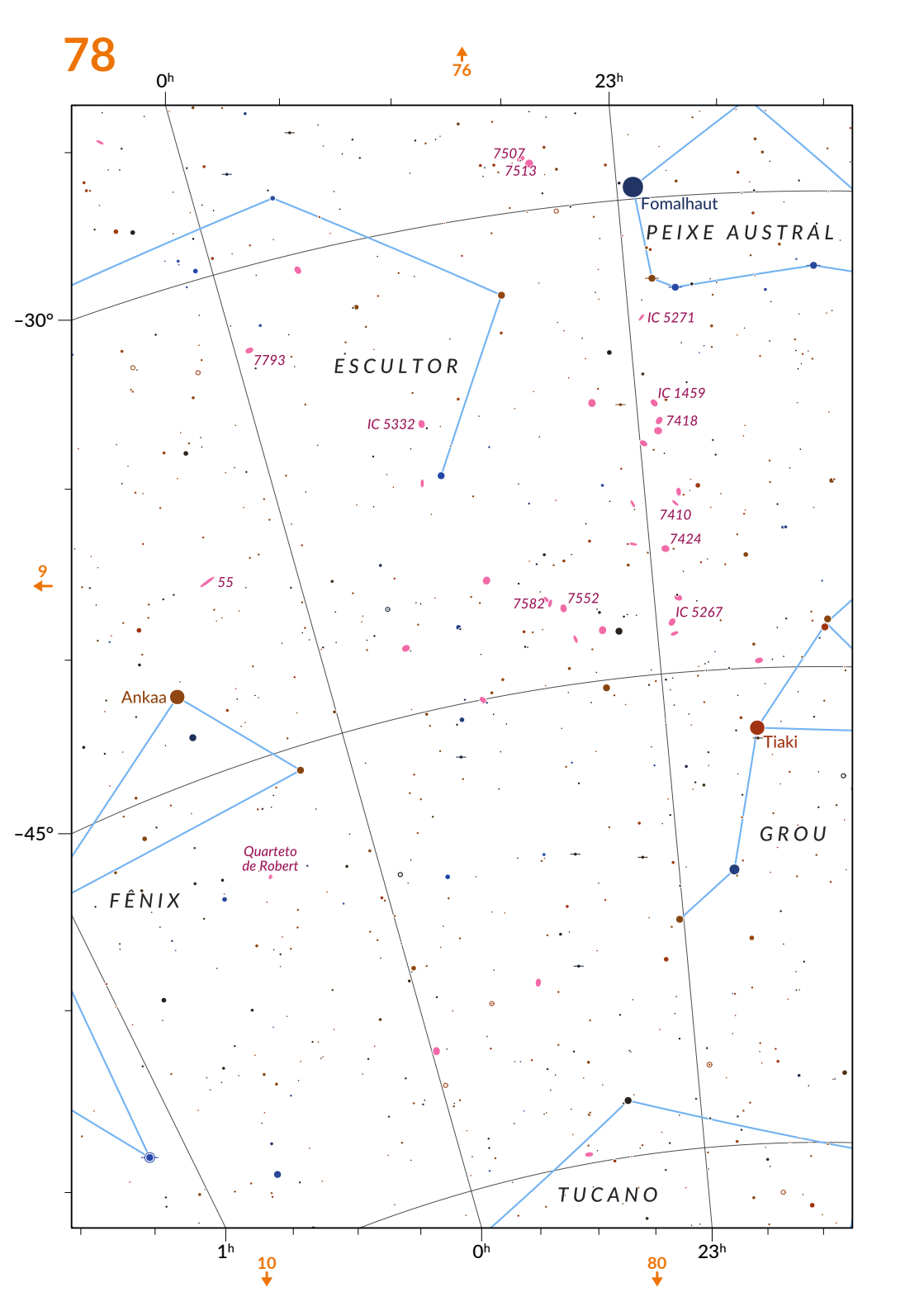

22h
71
21h
61
20h
CEFEU
6946 Fogos de Artifício
Sh2-129 Morcego Voador
IC 1396 Tromba de Elefante
IC 1396B
Tr 37
IC 1396A
7235
Sh2-132 Leão
7008
7175
IC 1434
7086
7243
6766
+45°
6991
6991A
7026
M39
IC 1369
7082
IC 5146 Casulo
7062
7039
Deneb
IC 1318 Sadr
62
7209
6914A
IC 5070 Pelicano
IC 5068
6910
Sadr
7000 América do Norte
7027
LAGARTO
M29
Saco de Carvão do Norte
CISNE
7063
6979 Triângulo de Pickering
Aljanah
Nebulosa do Véu
6992 Véu Leste
6960 Véu Oeste
+30°
7217
PEGASO
22h
75
21h

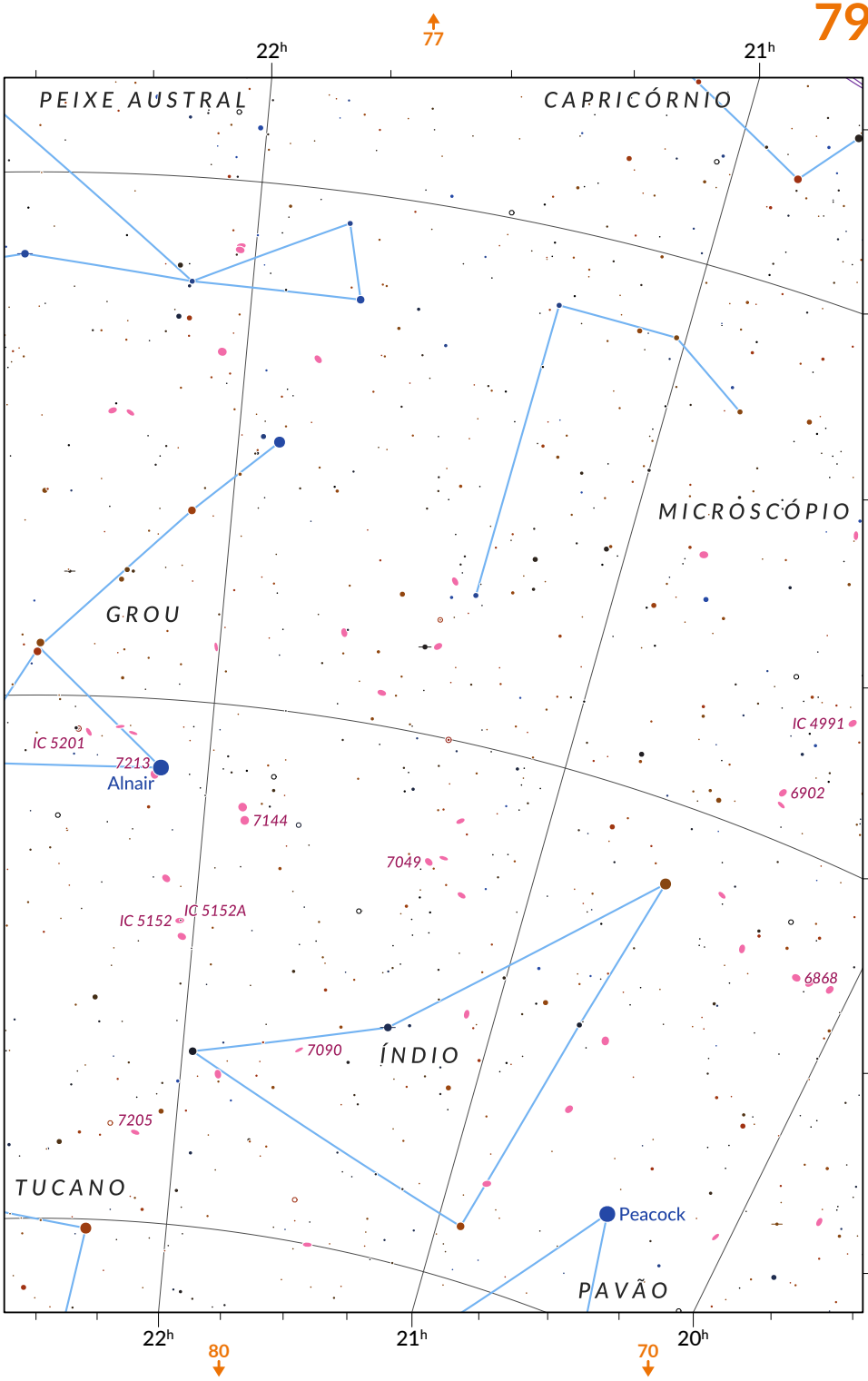

74
72
0h
23h
+30°
Alpheratz
Matar
Scheat
PÉGASO
5
7814
+15°
Markab
7479
PEIXES
0°
AQUÁRIO
0h
23h
76

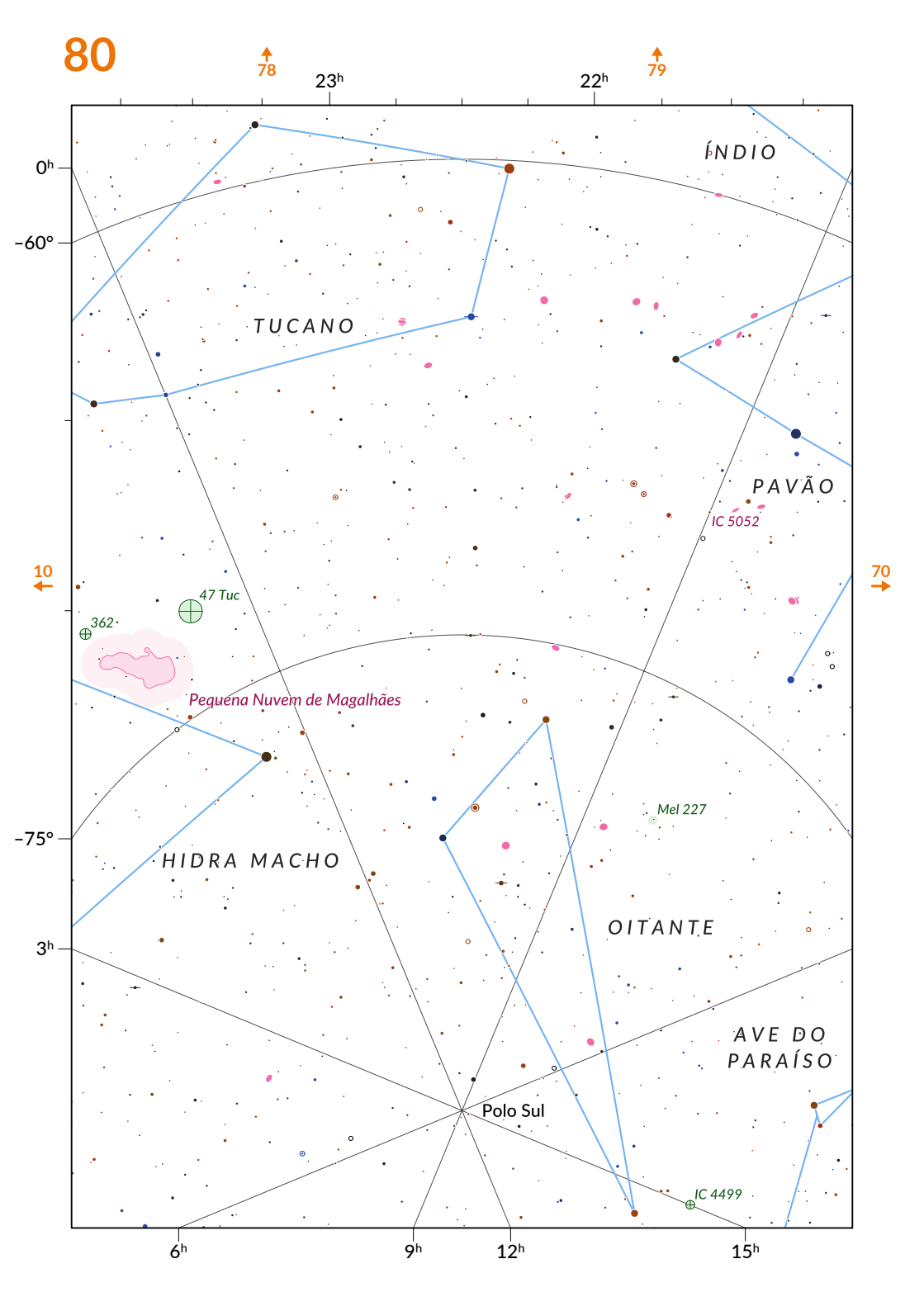

73
22h
21h
6992 Véu Leste
6960 Véu Oeste
7217
CISNE
+30°
Nebulosa do Véu
PÉGASO
64
7006
+15°
M15
Enif
CAVALO MENOR
AQUÁRIO
0°
Sadalmelik
M2
22h
21h
77


76
74
0h
23h
PEIXES
0°
ECLÍPTICA
7606
AQUÁRIO
7
7727
7492
−15°
7293 Hélice
45
ESCULTOR
7513
7507
Fomalhaut
PEIXE AUSTRAL
−30°
0h
23h
78


77
75
22h
21h
Sadalmelik
M2
0°
Sadalsuud
AQUÁRIO
7009 Saturno
66
M73
M72
ECLÍPTICA
Deneb Algedi
−15°
CAPRICÓRNIO
7293 Hélice
7184
2040
2039
2038
2037
2036
2035
2034
2033
2032
2031
2030
M30
Plutão
PEIXE AUSTRAL
−30°
22h
21h
79


76
0h
23h
7507
7513
Fomalhaut
PEIXE AUSTRAL
IC 5271
−30°
7793
ESCULTOR
IC 1459
IC 5332
7418
7410
7424
9
55
7582
7552
IC 5267
Ankaa
Tiaki
−45°
GROU
Quarteto
de Robert
FÊNIX
TUCANO
1h
0h
23h
10
80


77
22h
21h
PEIXE AUSTRAL
CAPRICÓRNIO
−30°
MICROSCÓPIO
68
GROU
IC 4991
IC 5201
7213
Alnair
6902
7144
7049
−45°
IC 5152
IC 5152A
6868
7090
ÍNDIO
7205
TUCANO
Peacock
PAVÃO
22h
21h
20h
80
70


80
78
79
23h
22h
0h
−60°
10
70
−75°
3h
6h
9h
12h
15h
ÍNDIO
TUCANO
PAVÃO
IC 5052
47 Tuc
362
Pequena Nuvem de Magalhães
Mel 227
HIDRA MACHO
OITANTE
AVE DO PARAÍSO
Polo Sul
IC 4499