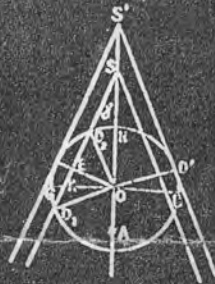
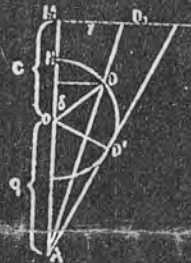


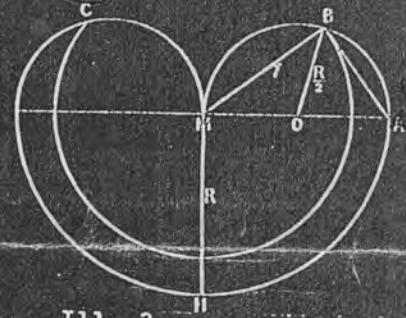
Plate I



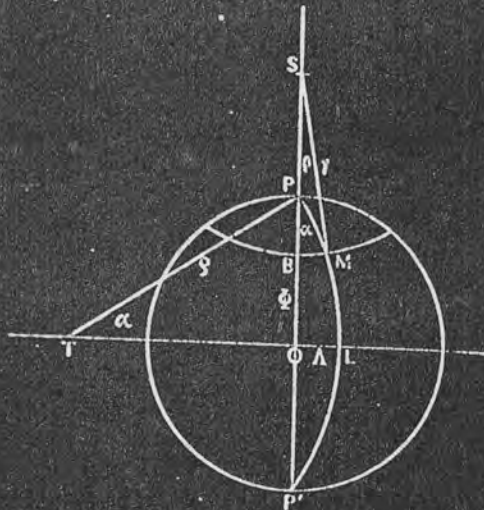
Ill. 1. Formation of conical projections



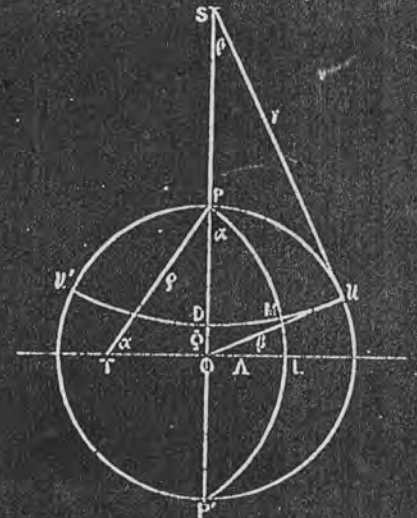
Ill. 2. Formation of plane-perspective projections



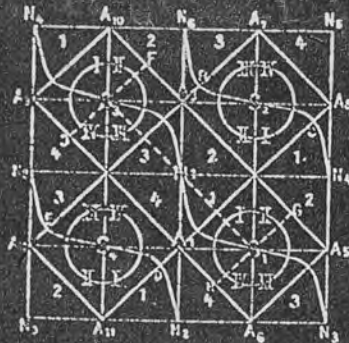
Ill. 3. Re: projection No. 3



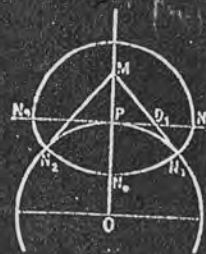
Ill. 5. Formation of row-circular projections



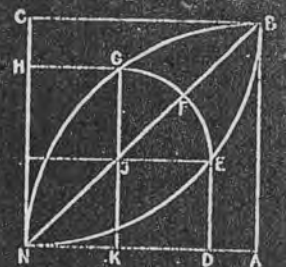
Ill. 7. Shape-true circle-grid of class I



Ill. 14. Arrangement of the Pierce quincuncial grid (No. 218)

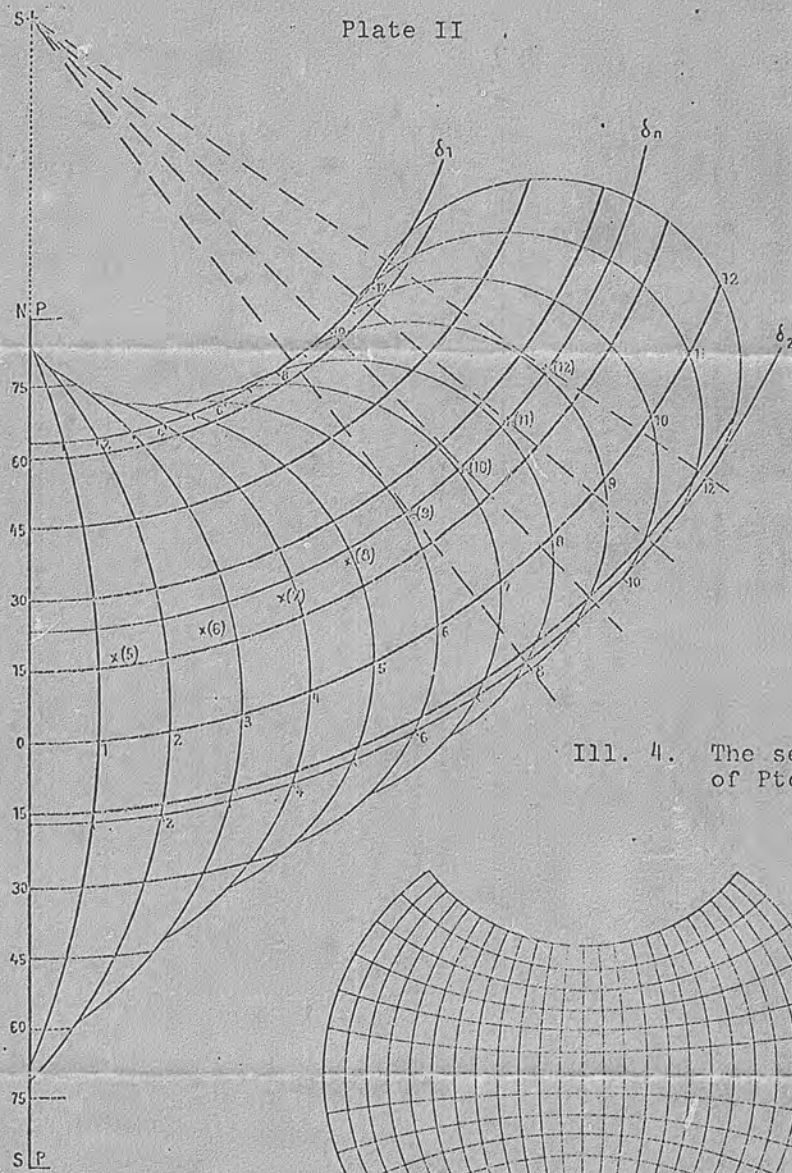


Ill. 17. Re: projection No. 227

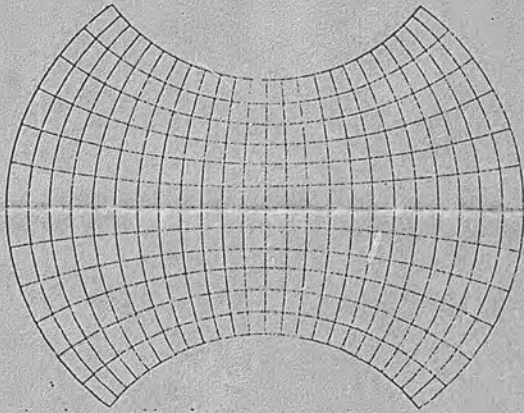


Ill. 22. Re: projection No. 234

Plate II



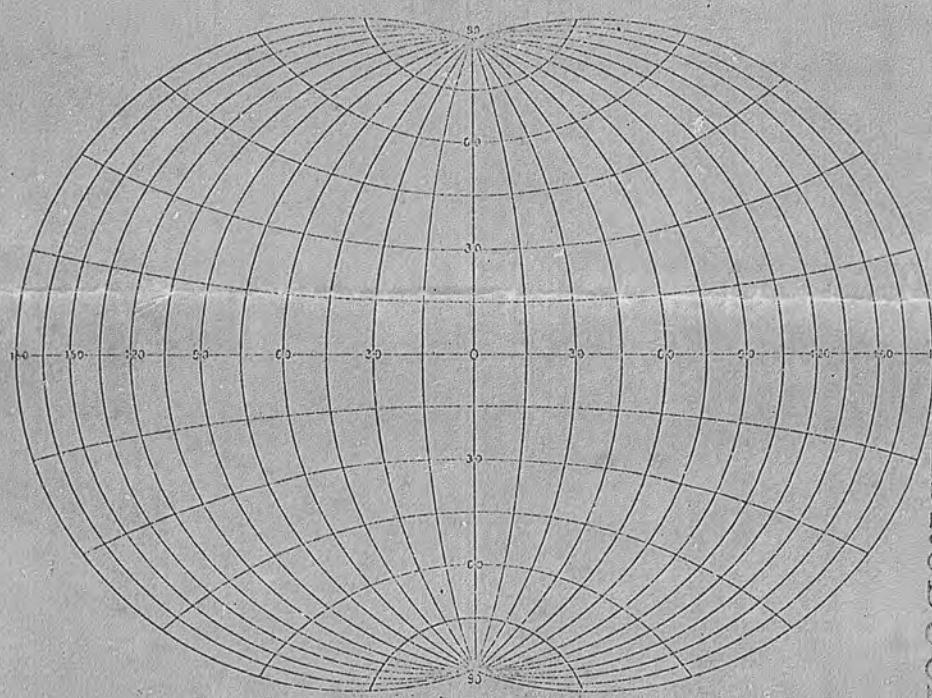
Ill. 4. The second projection of Ptolemaeus



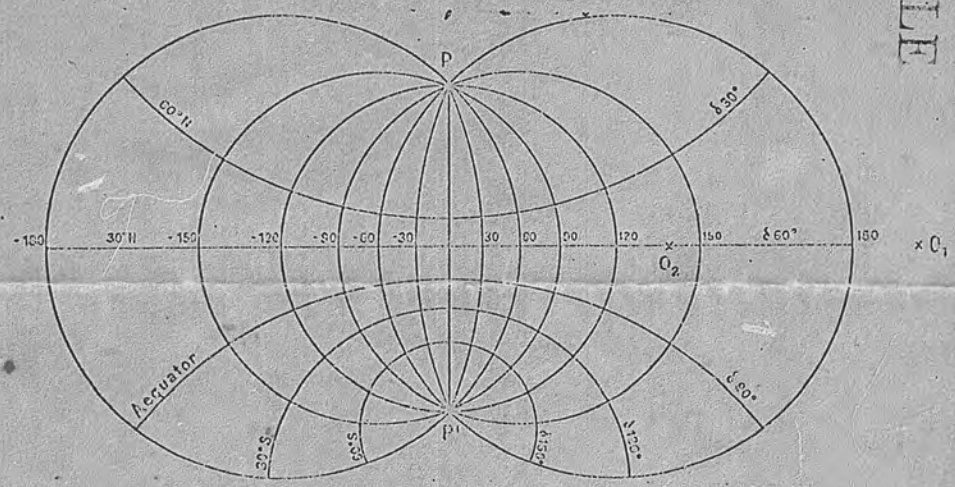
Ill. 11. Rectangular circle-grid with polar-lines (No. 180)

Plate III

GRAPHIC NOT REPRODUCIBLE



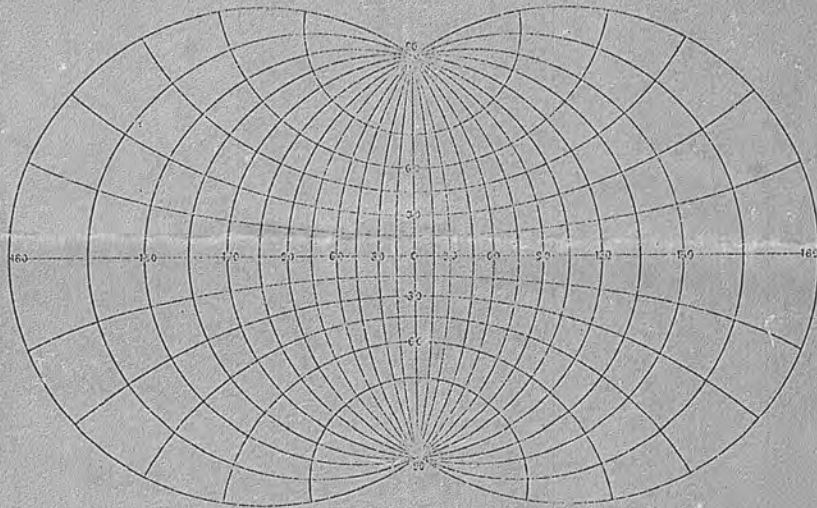
Ill. 6. Cell-equal circle-grid (No. 164)



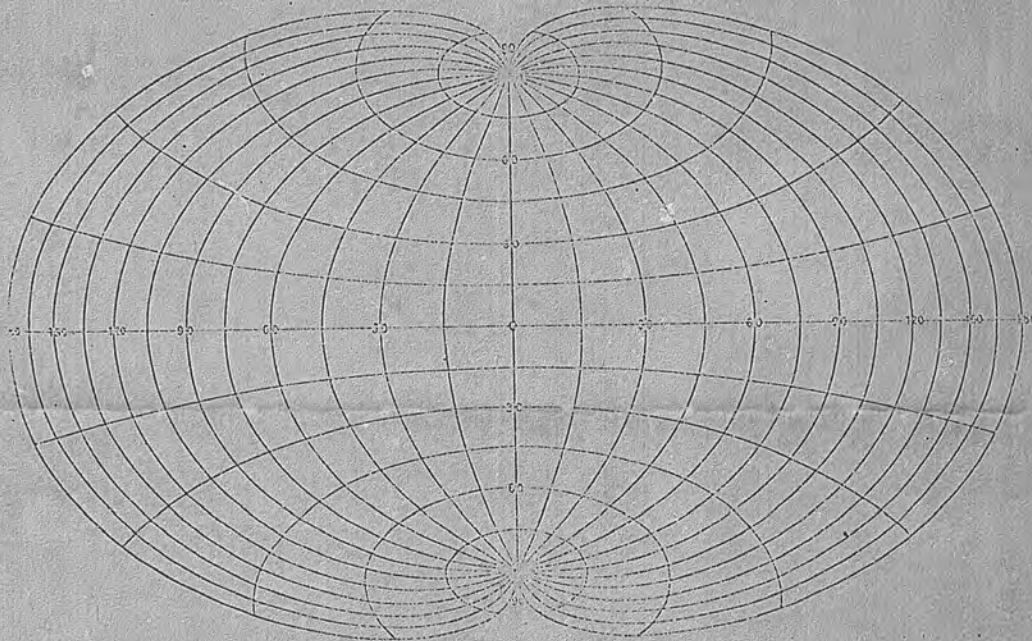
Ill. 8. Simple symmetrical shape-true circle-grid (No. 217)

(East-"Ost"
E - "O" pl.)

Plate IV



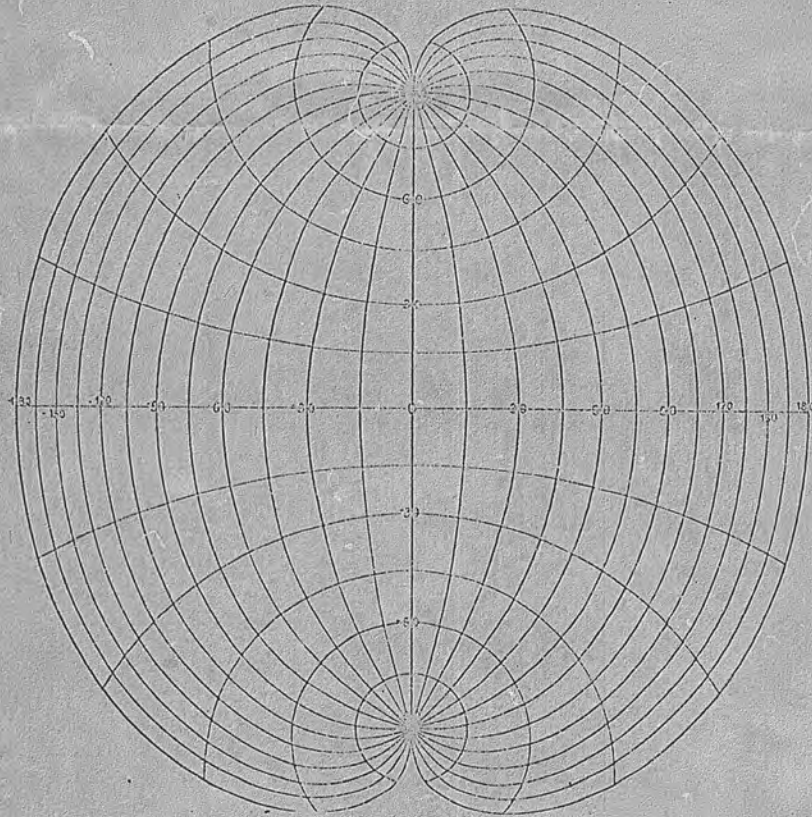
111. 9. Shape-true circle-grid (No. 171)



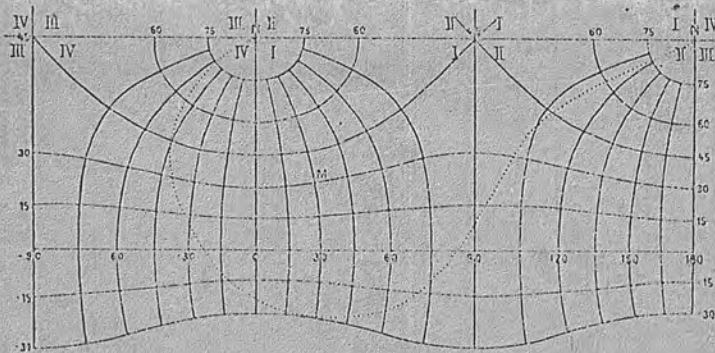
111. 12. Area-true projection No. 184 (expanded from circle-grid No. 179)

GRAPHIC NOT REPRODUCIBLE

Plate V



Ill. 10. All-conical area-true circle-grid (No. 179)

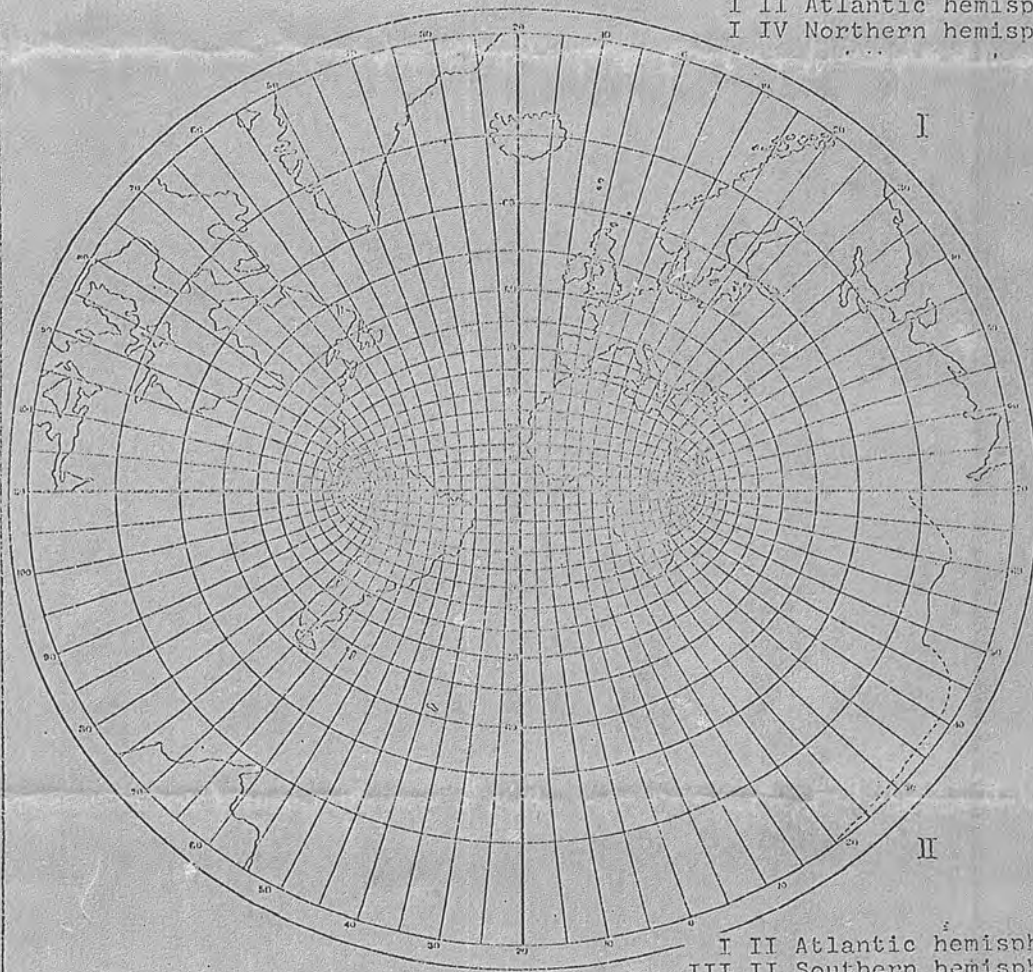


Ill. 15. Guyou's shape-true quinconx grid

GRAPHIC NOT REPRODUCE

Plate VIa

I II Atlantic hemisphere
I IV Northern hemisphere



I II Atlantic hemisphere
III II Southern hemisphere

Ill. 13. Shape-true azimuth-equal map (No. 189)

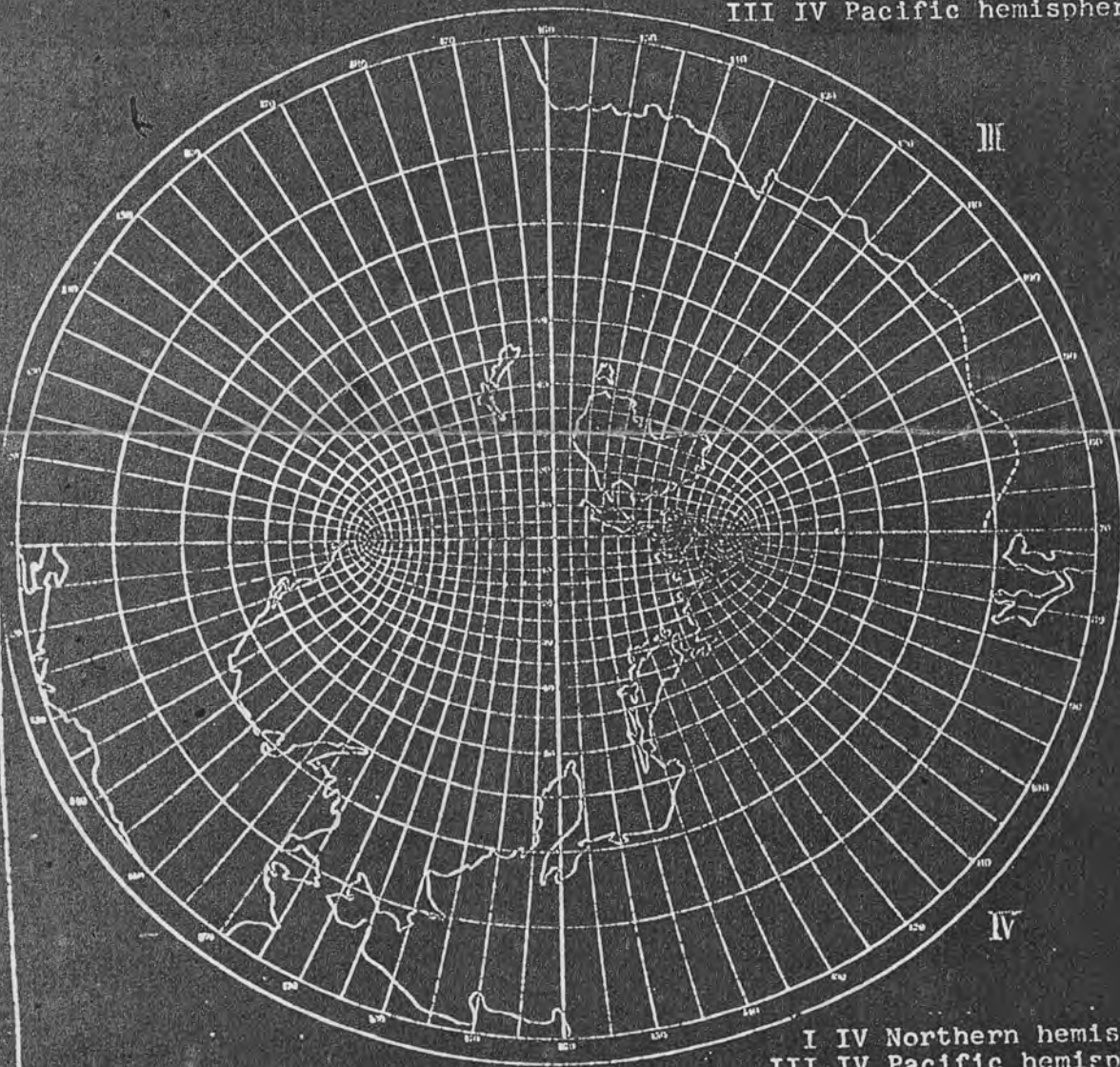
Leitung: Prof. Paul Langhans

GOTHA: JUSTUS PERTHES

GRAPHIC NOT REPRODUCIBLE

Plate VIb

III II Southern hemisphere
III IV Pacific hemisphere



I IV Northern hemisphere
III IV Pacific hemisphere

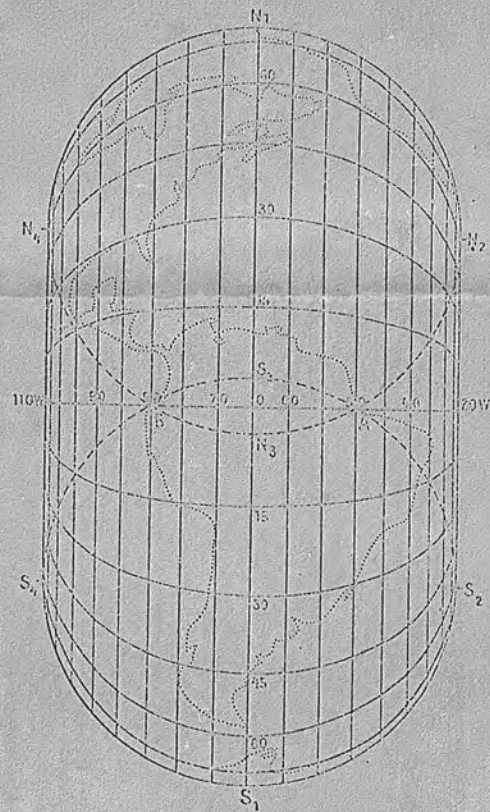
III. 13. Shape-true azimuth-equal map (No. 189)

Author: Prof. Paul Langhans

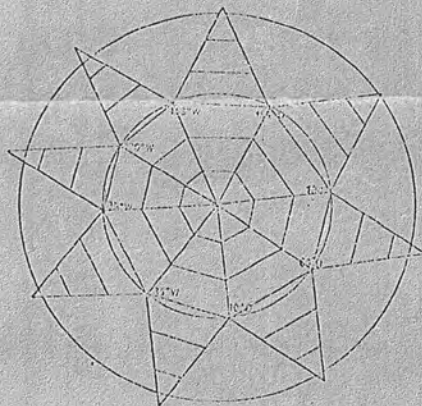
GOTHA: JUSTUS PERTHES

GRAPHIC NOT REPRODUCED

Plate VII

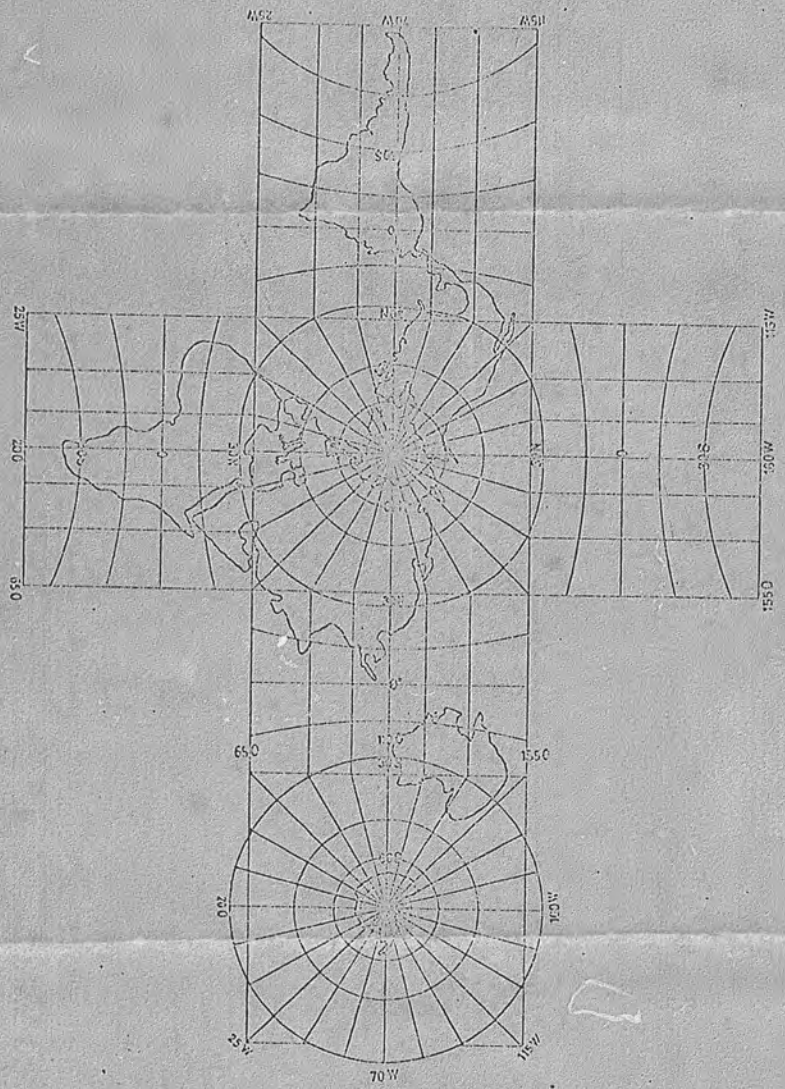


Ill. 16. Maurer's double-counter-azimuthal grid (No. 196)



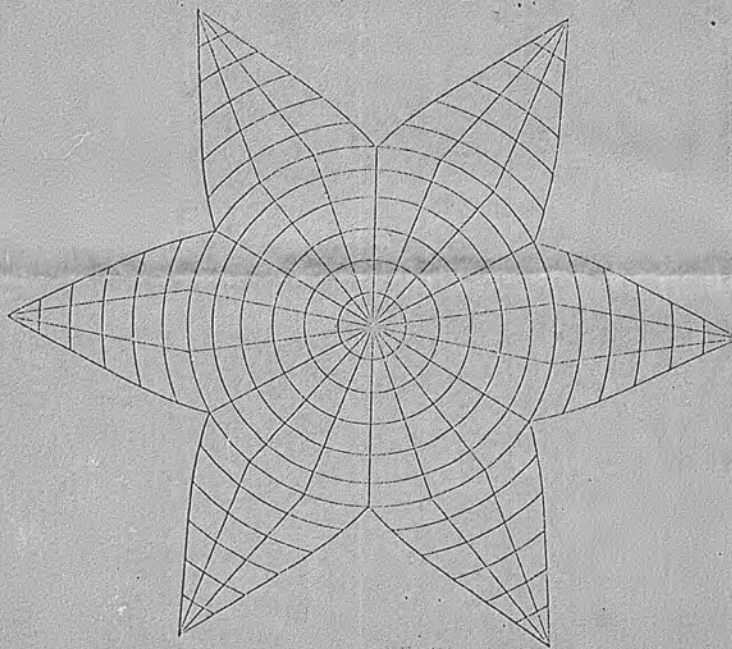
Ill. 20. Jäger's Star-projection (No. 232)

Plate VII (cont.)

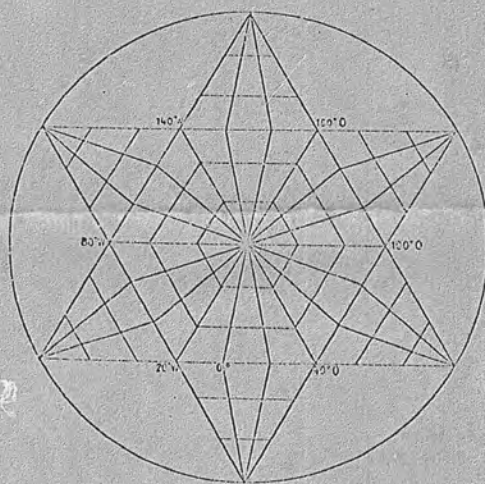


Ill. 24. Center-perspective projection onto eight-cornered box (No. 237)

Plate VIII

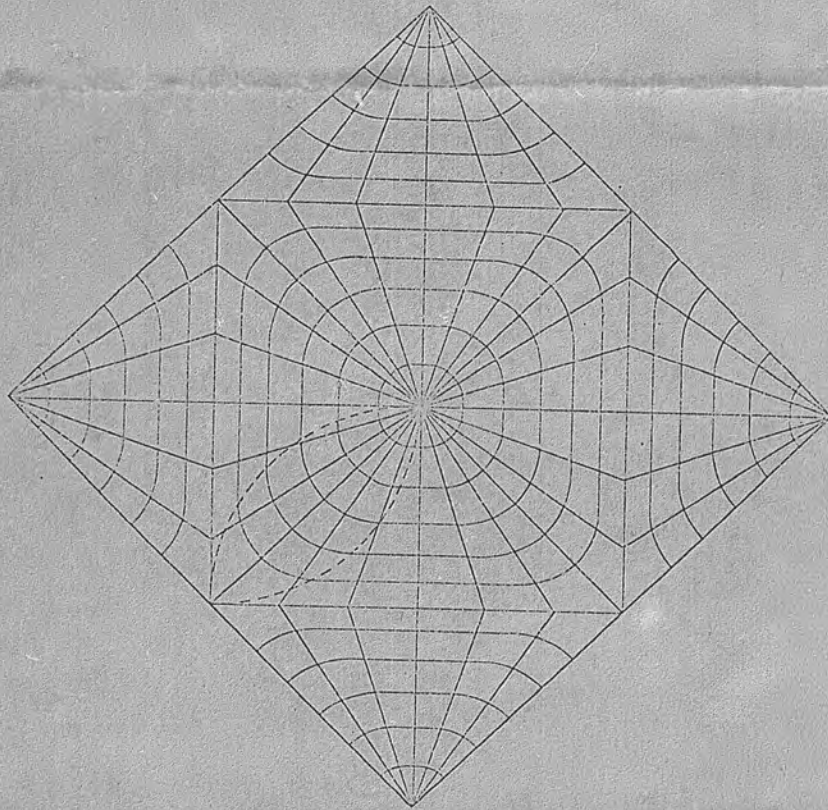


Ill. 19. Maurer's area-true star-projection



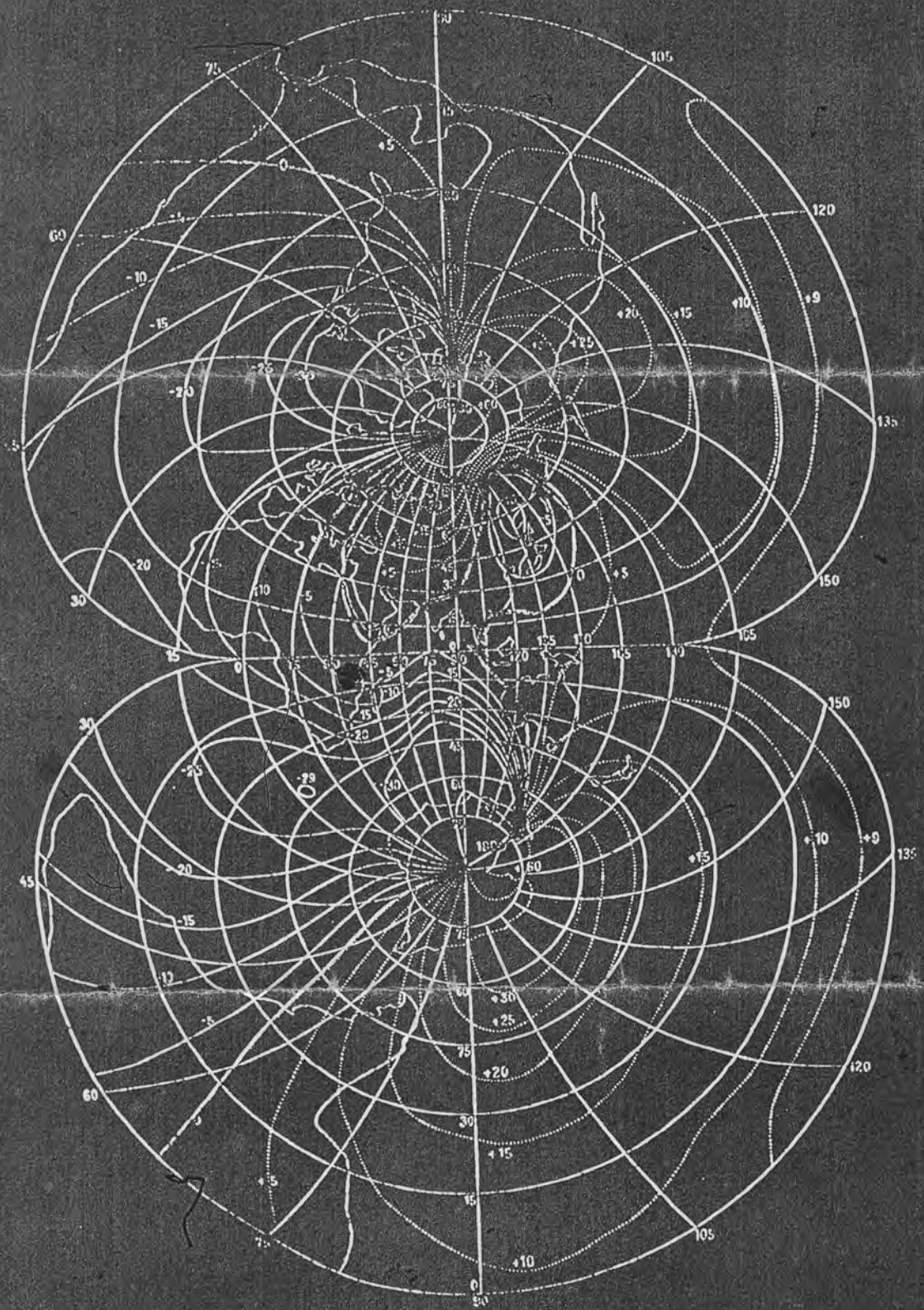
Ill. 21. Simple area-true star projection (No. 233)

Plate VIII (cont.)

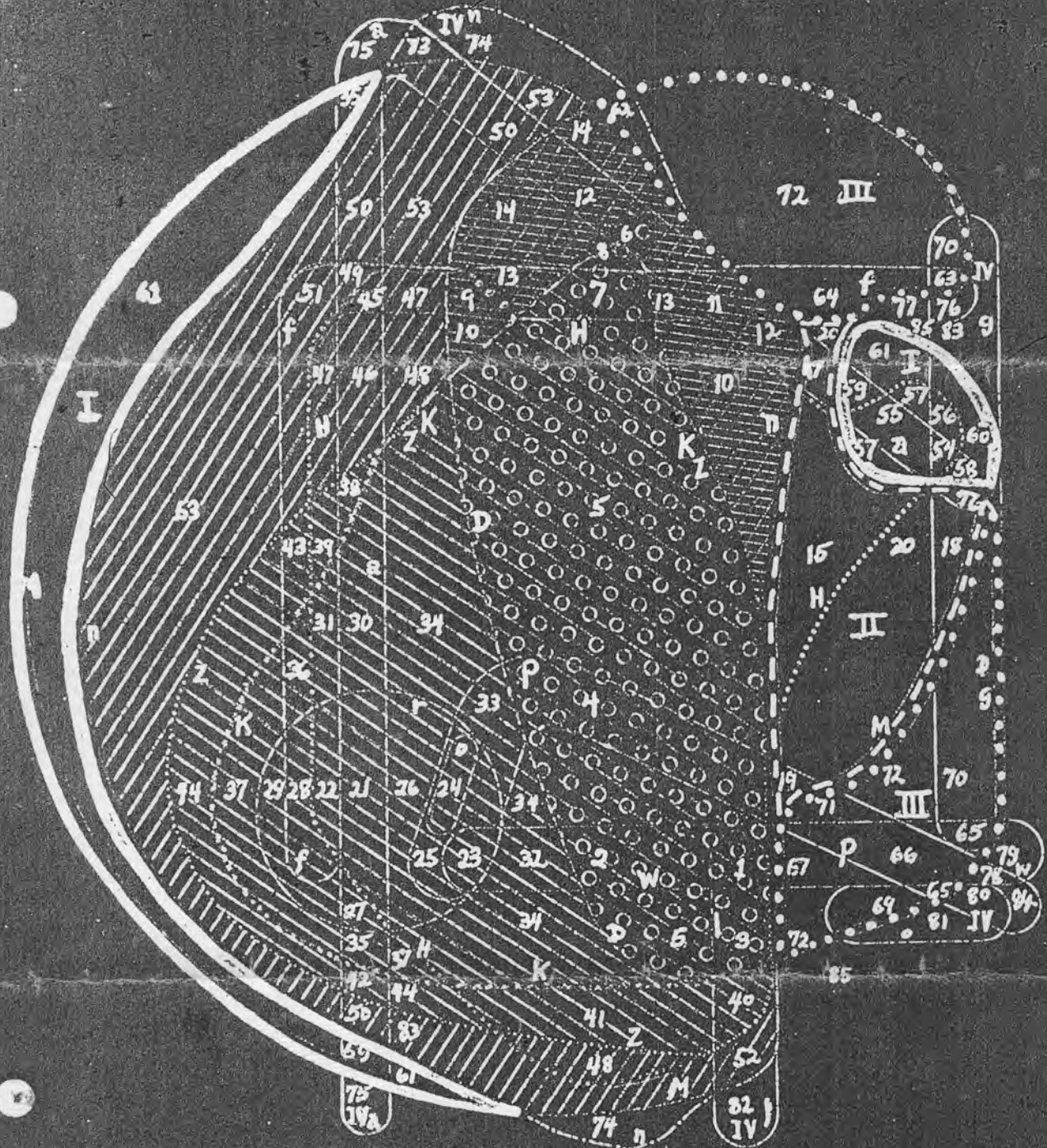








Ill. 23. Zone-true star-projection
No. 235 (quincunx grid)

Plate IX



Ill. 18. Isogone Map (No. 227)



- | | | | | | |
|------|-------------------------------|----|------------------------|---|---------------------|
| M— | = general, centrally circular | f— | = true area |  | Family I, Branch A |
| D--- | = double symmetrical | w— | = true shape |  | " " " B |
| n--- | = secondary, circle-spaced | o— | = straight directional |  | " " " A |
| z... | = zenithal (cellular) | l— | = loxodromic, linear |  | Family II, Branch B |
| K | = general conical | g— | = counter-azimuthal |  | " " " |
| r— | = radial | p— | = general perspective |  | " " " C |
| H... | = prime-point map | | | | Family III |
| a— | = true interval | | | | Family IV |