



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 3841	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Tittel A structural Investigation of the Rocks of the Iveland-Evje area.				
Forfatter Nixon, Frank		Dato 25.04 1968	Bedrift Sulfidmalm A/S	
Kommune Iveland	Fylke Aust-Agder	Bergdistrikt Østlandske	1: 50 000 kartblad 15123	1: 250 000 kartblad
Fagområde Geologi	Dokument type		Forekomster	
Råstofftype Malm/metall	Emneord			
Sammendrag Rapporten inneholder bakgrunnsdata for rapport BV 3765.				

Ben skrives.

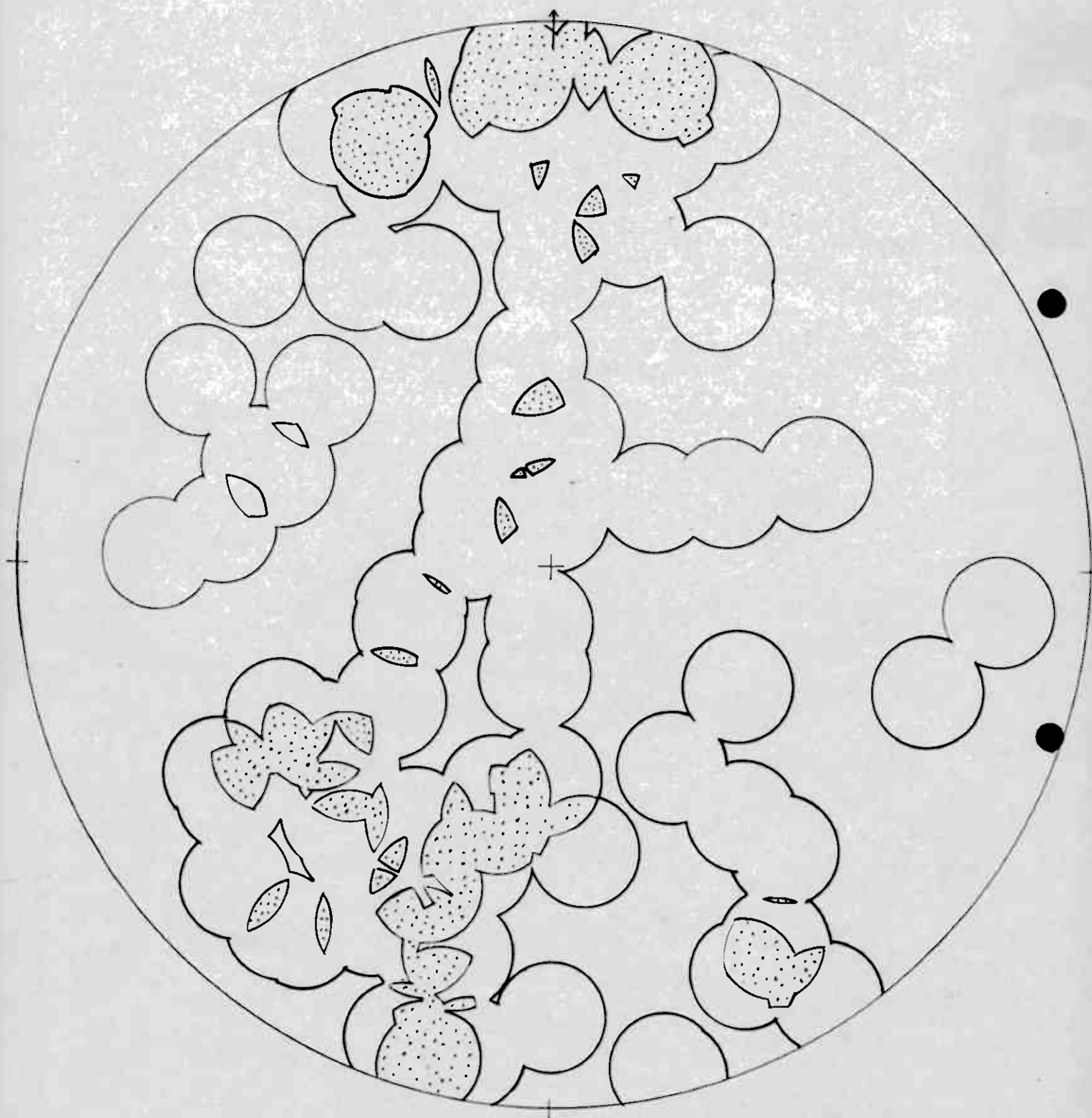
Tekesten skal skrives
under figuren.

Tekst.

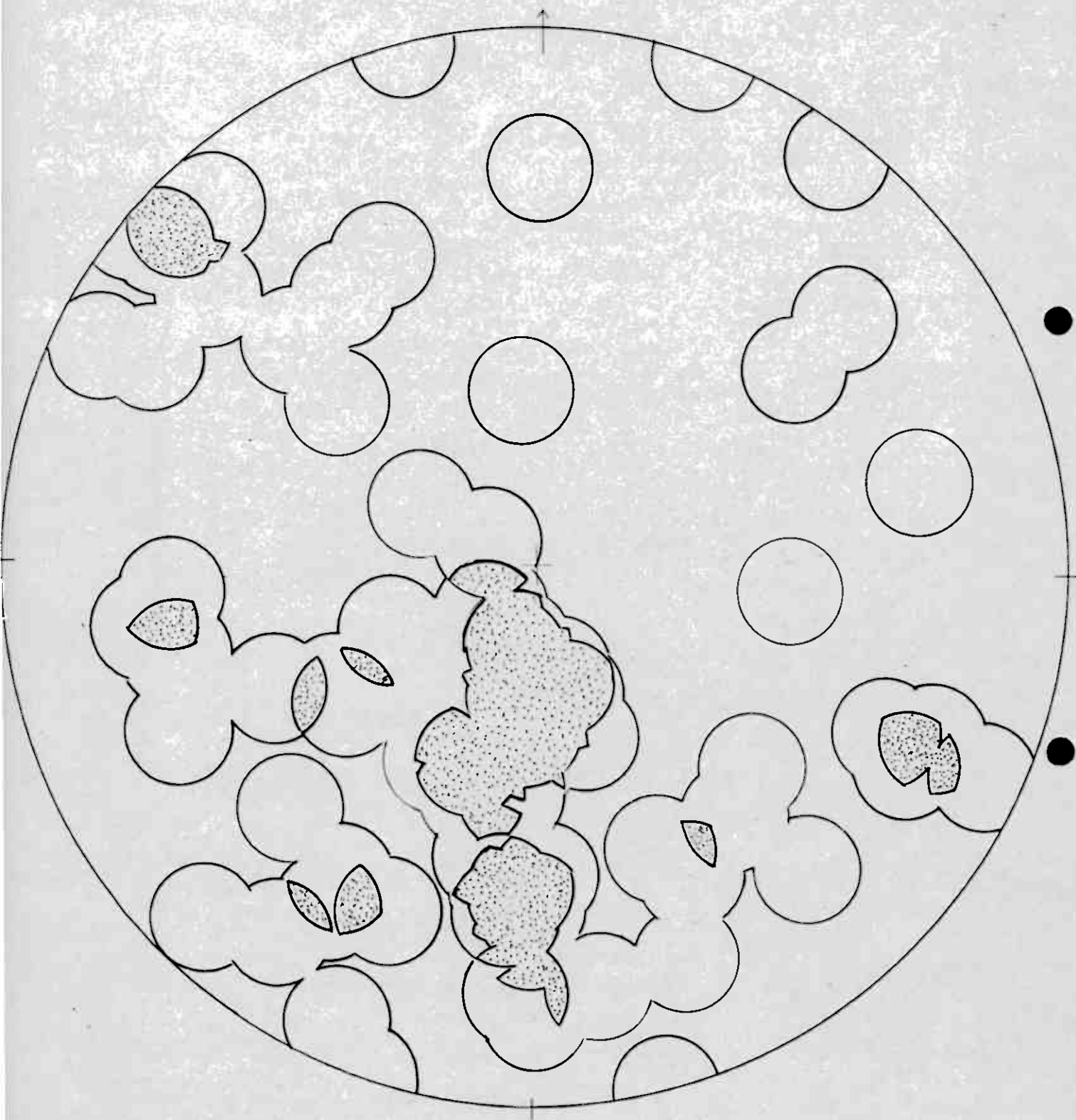
Nixon.

Contours 1,3 points per 1% area (Mell). Total points 93.

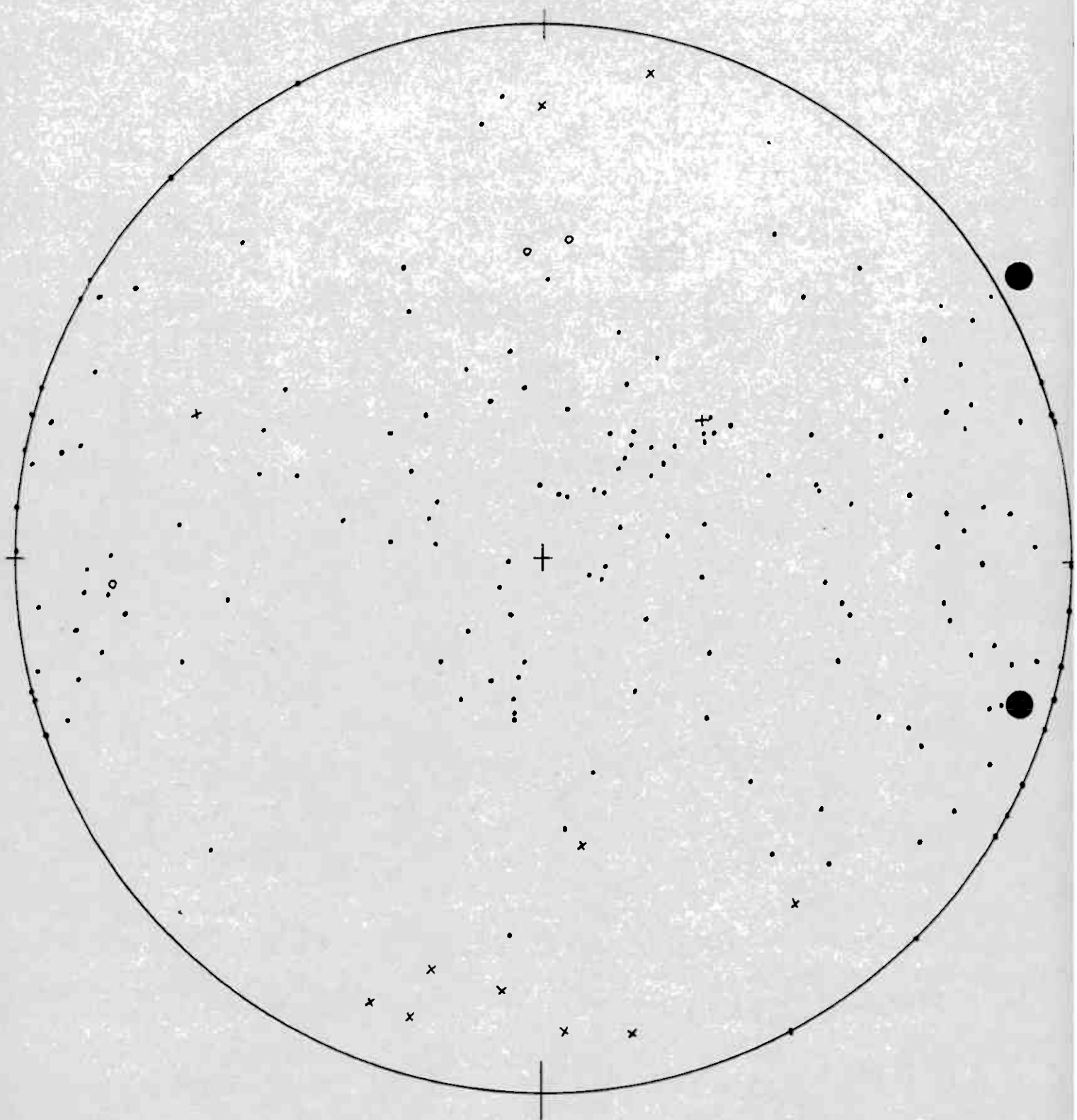
Plot 1 Total area minor folds. Schmidt net. Lower hemisphere.

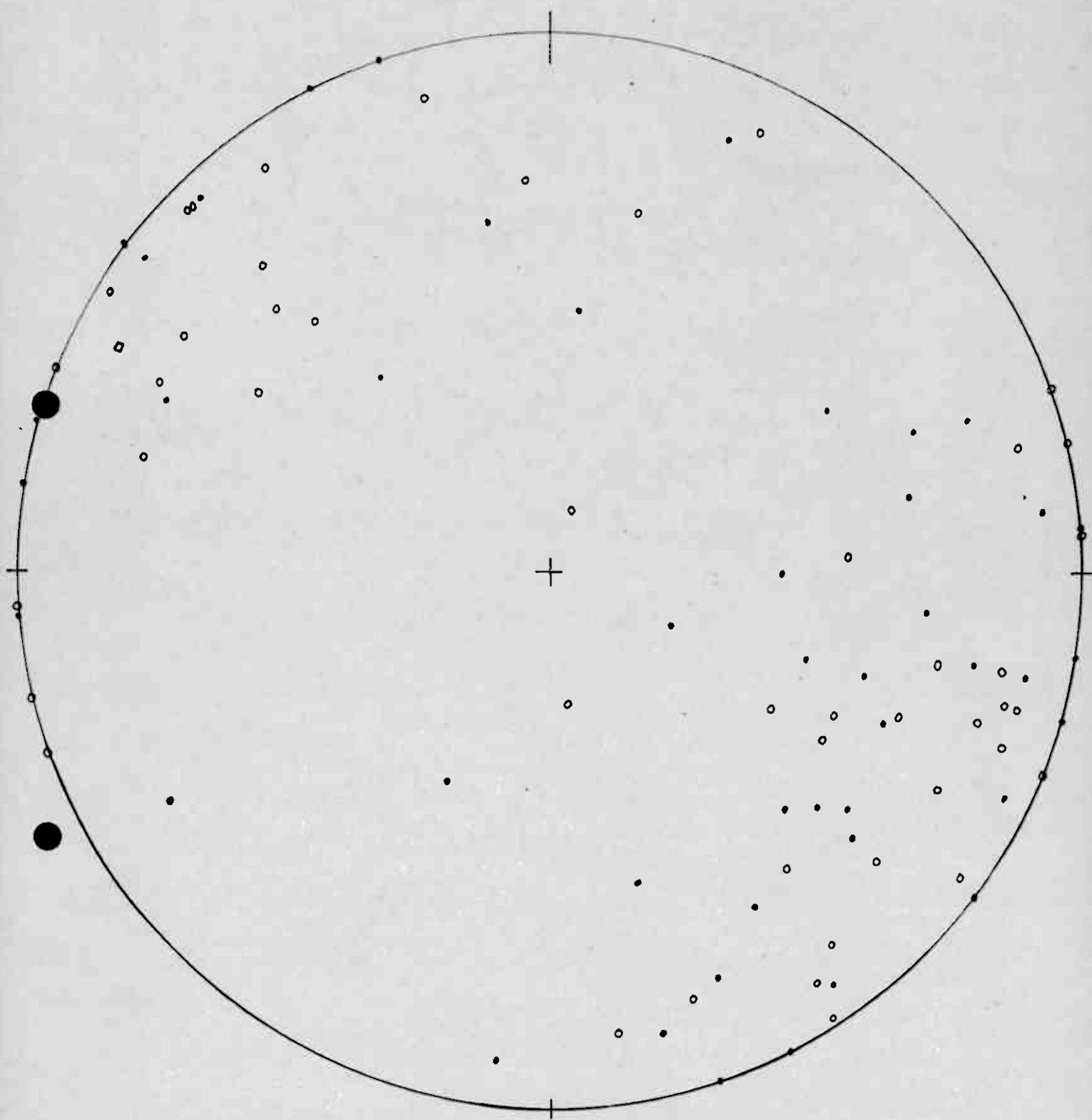


Plot 2 Total area lineations. Schmidt net. Lower hemisphere.
Contours 1,3 points per 1% area (Mell). Total points 89.

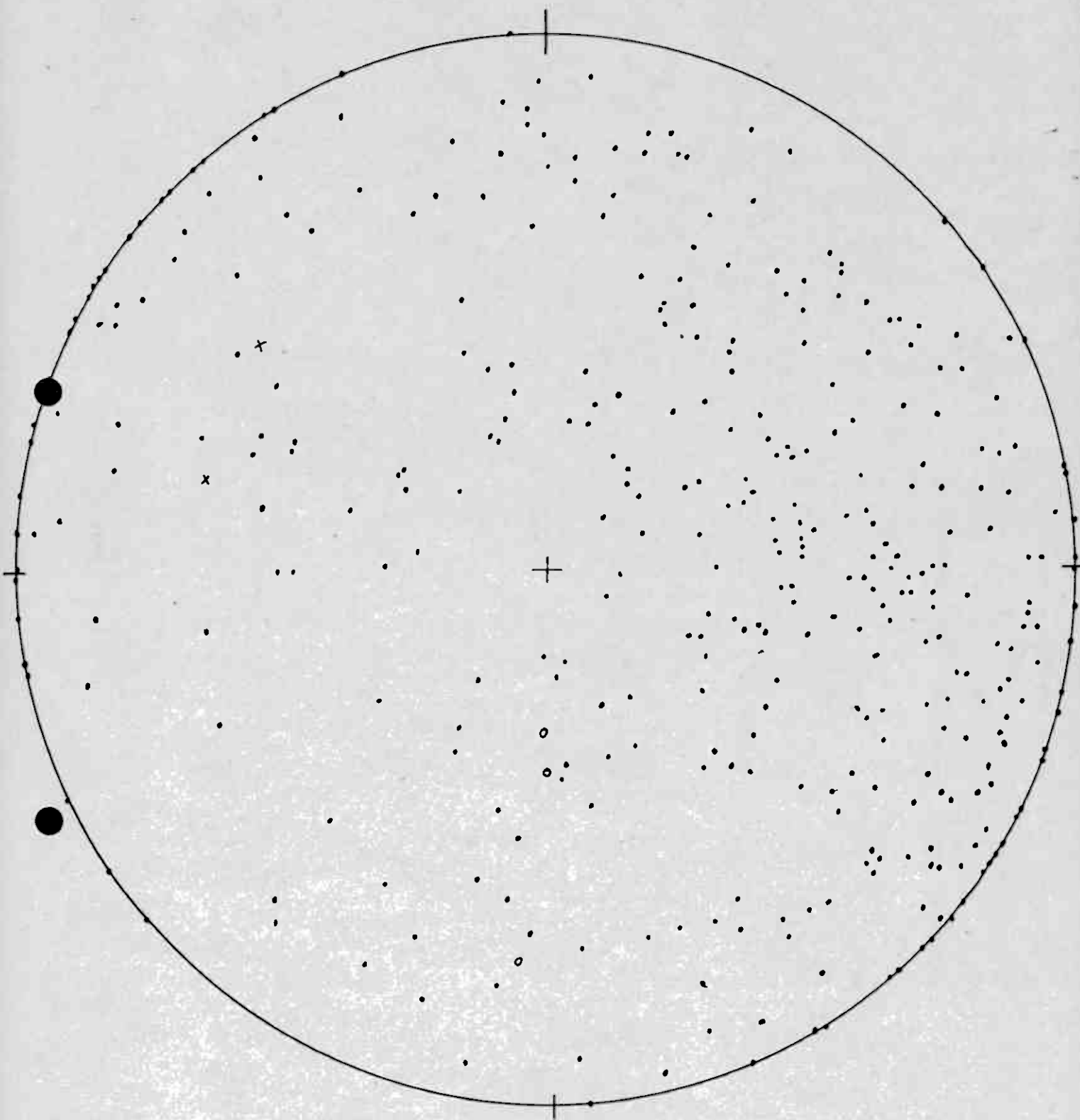


Plot 3 Southern Western Gneisses. Schmidt net.
 Lower hemisphere. Poles to foliation planes
 (154 points). Minor folds (12 points).
 Lineations (3 points).





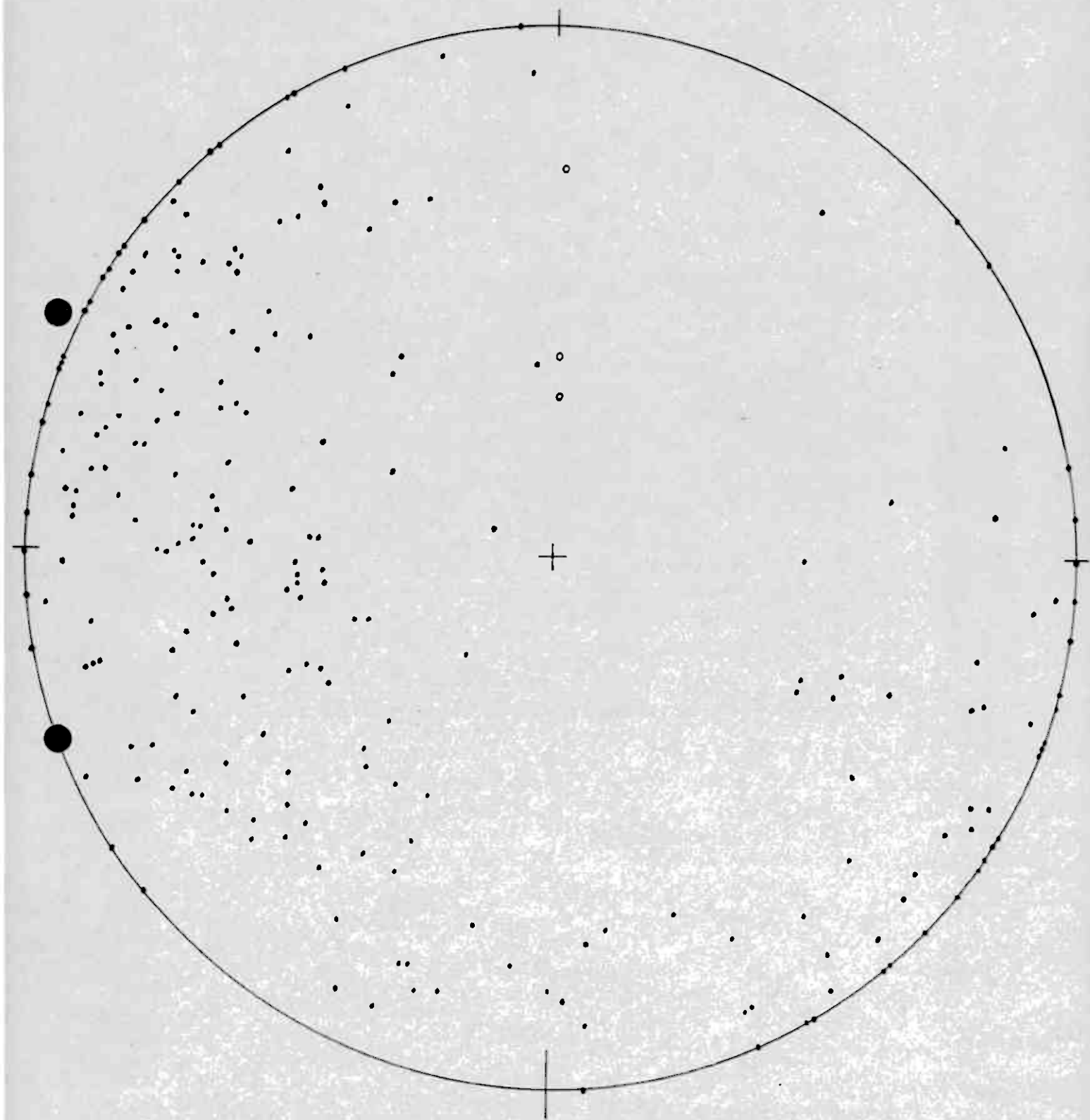
Plot 4 Southern Central area. Schmidt Net. Lower hemisphere. Poles to foliation planes - basic rocks (37 points). Poles to foliation - gneiss (41 points). Lineation (1 point).



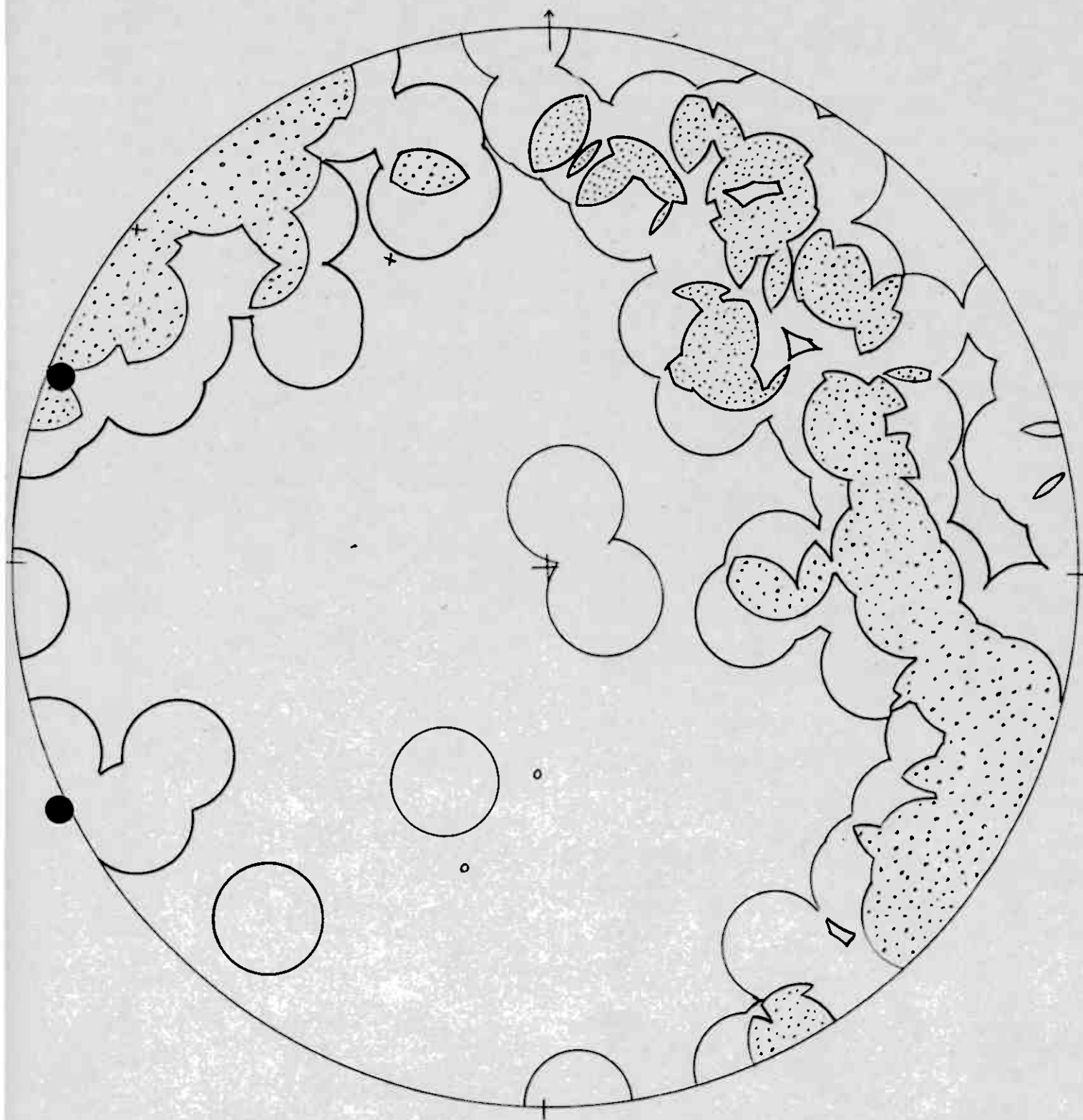
Plot 5 Southern Eastern Area.

Schmidt net. Lower hemisphere. Poles to foliation
planes (329 points). Minor folds (2 points).

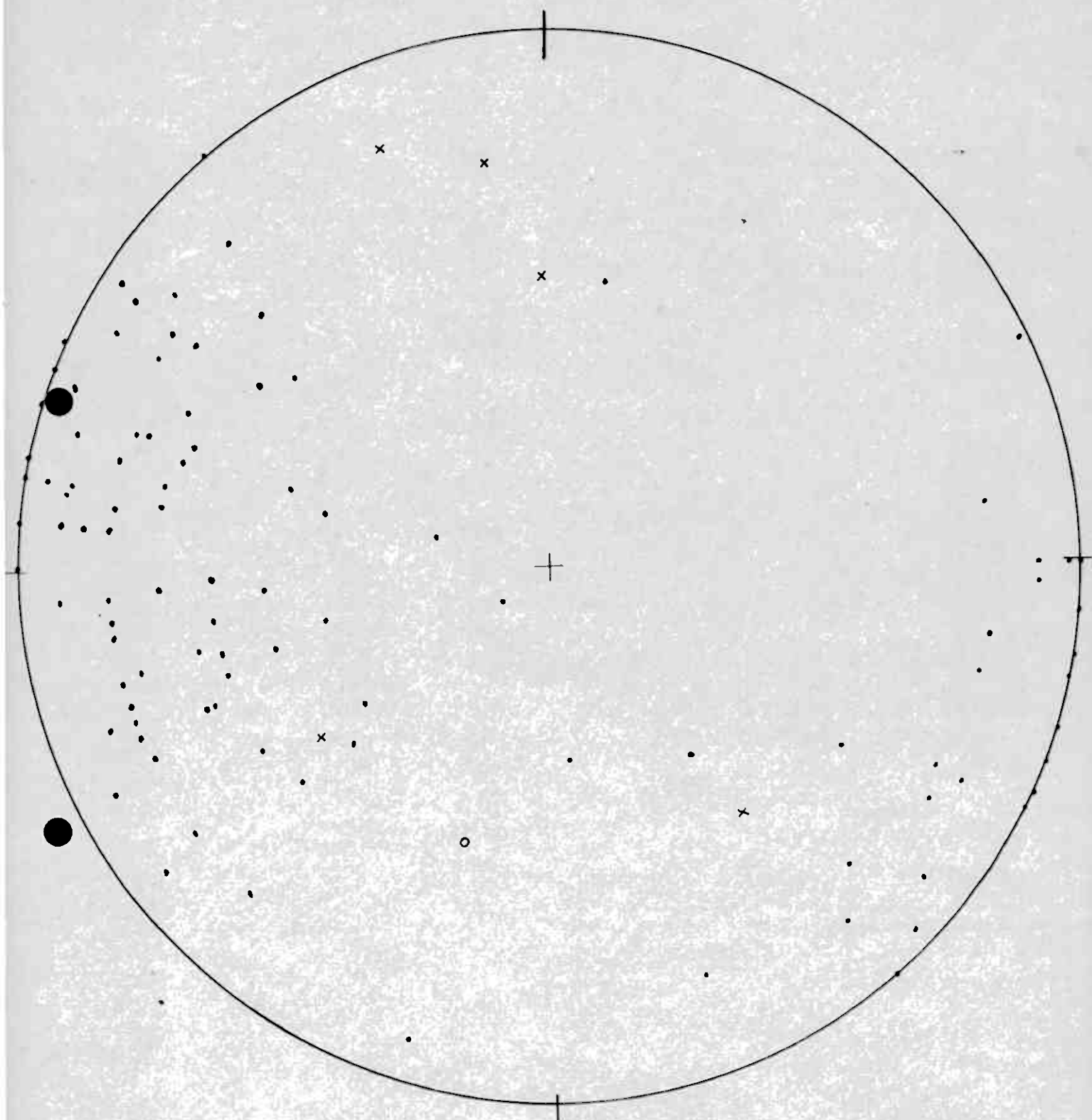
Lineations (3 points).



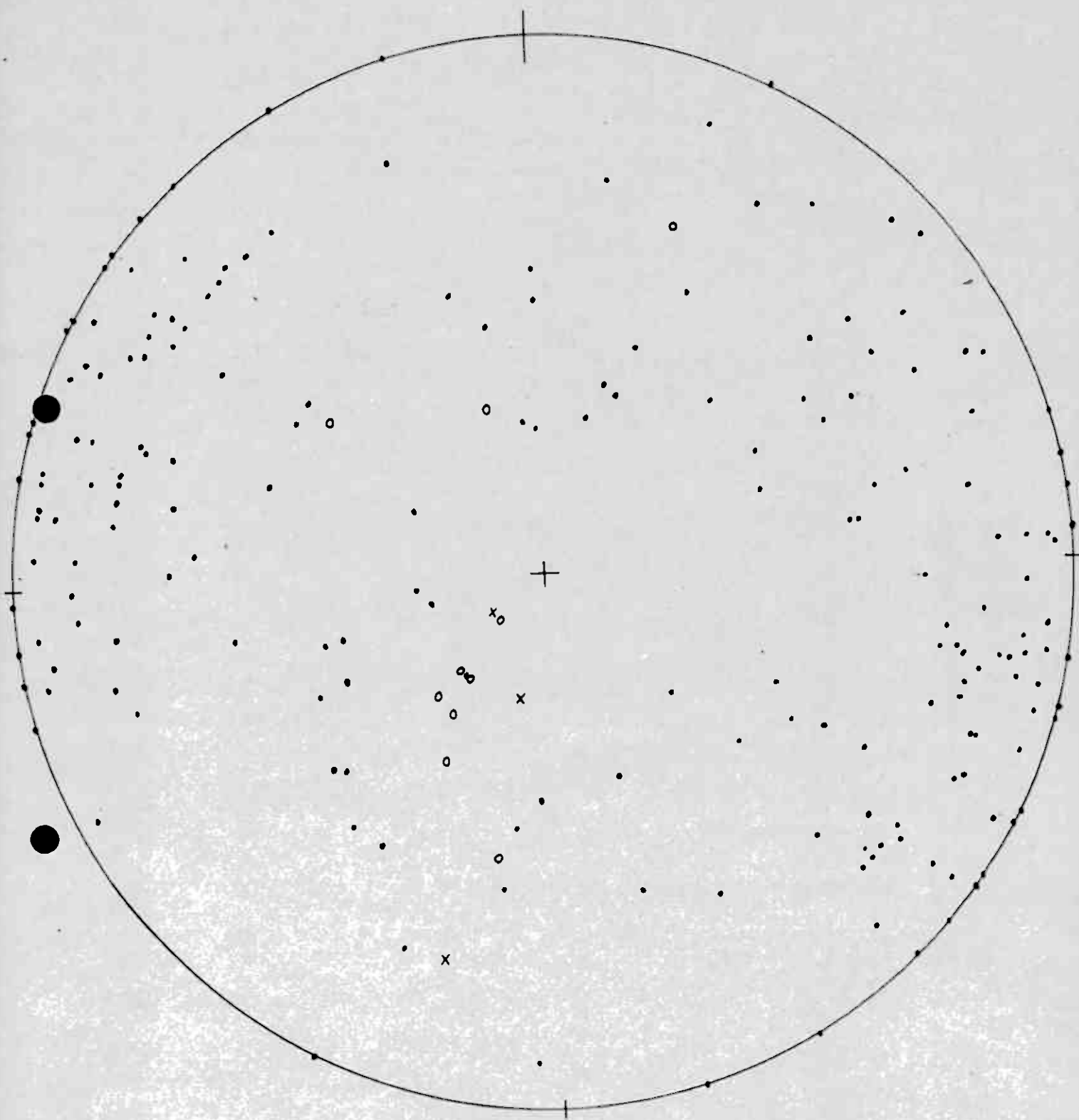
Plot 6 Southern Eastern Area minus Eielandsvann Dome.
Schmidt net. Lower hemisphere. Poles to foliation
planes (205 points). Lineations (3 points).



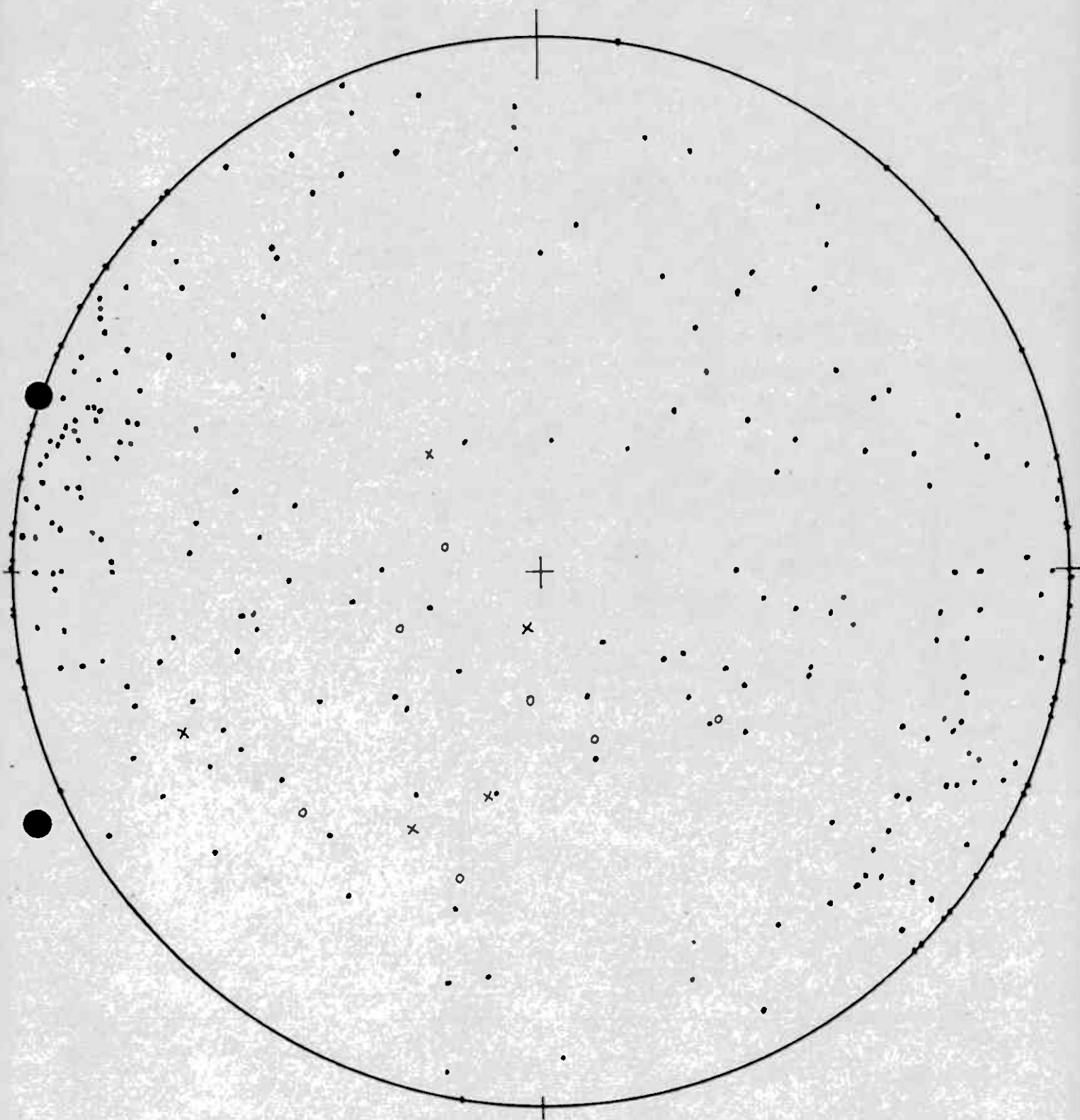
Plot 7 Map units EL5, EL6. Schmidt net. Lower hemisphere.
 Poles to foliation planes. Contours 1,3 points
 per 1% area (After Melli). Total points 120.
 Minor fold. Lineation.



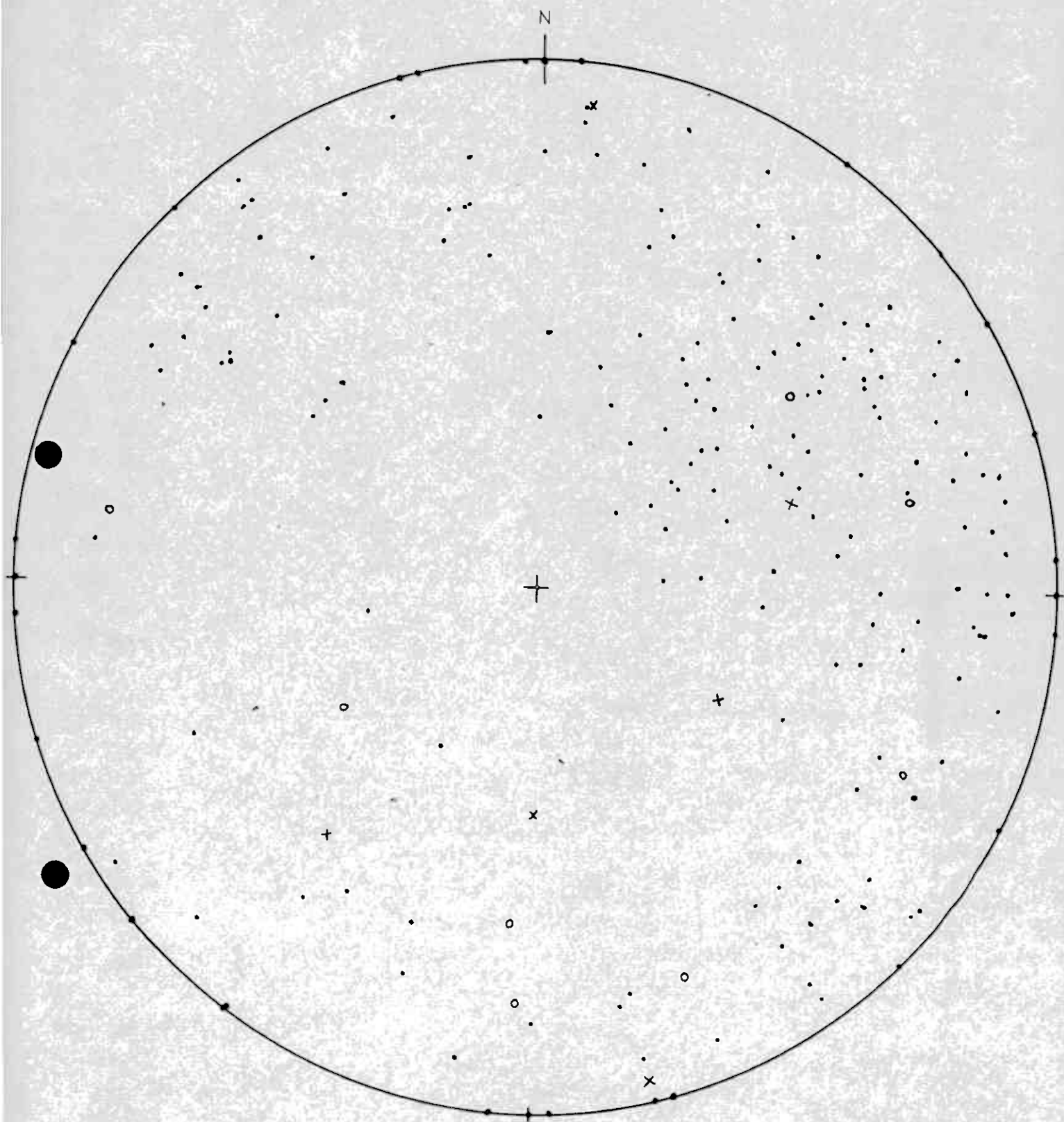
Plot 8 Central Area Western Gneisses. Schmidt net.
Lower hemisphere. Poles to foliation planes (93 points).
Minor folds (5 points). Lineation (1 point).



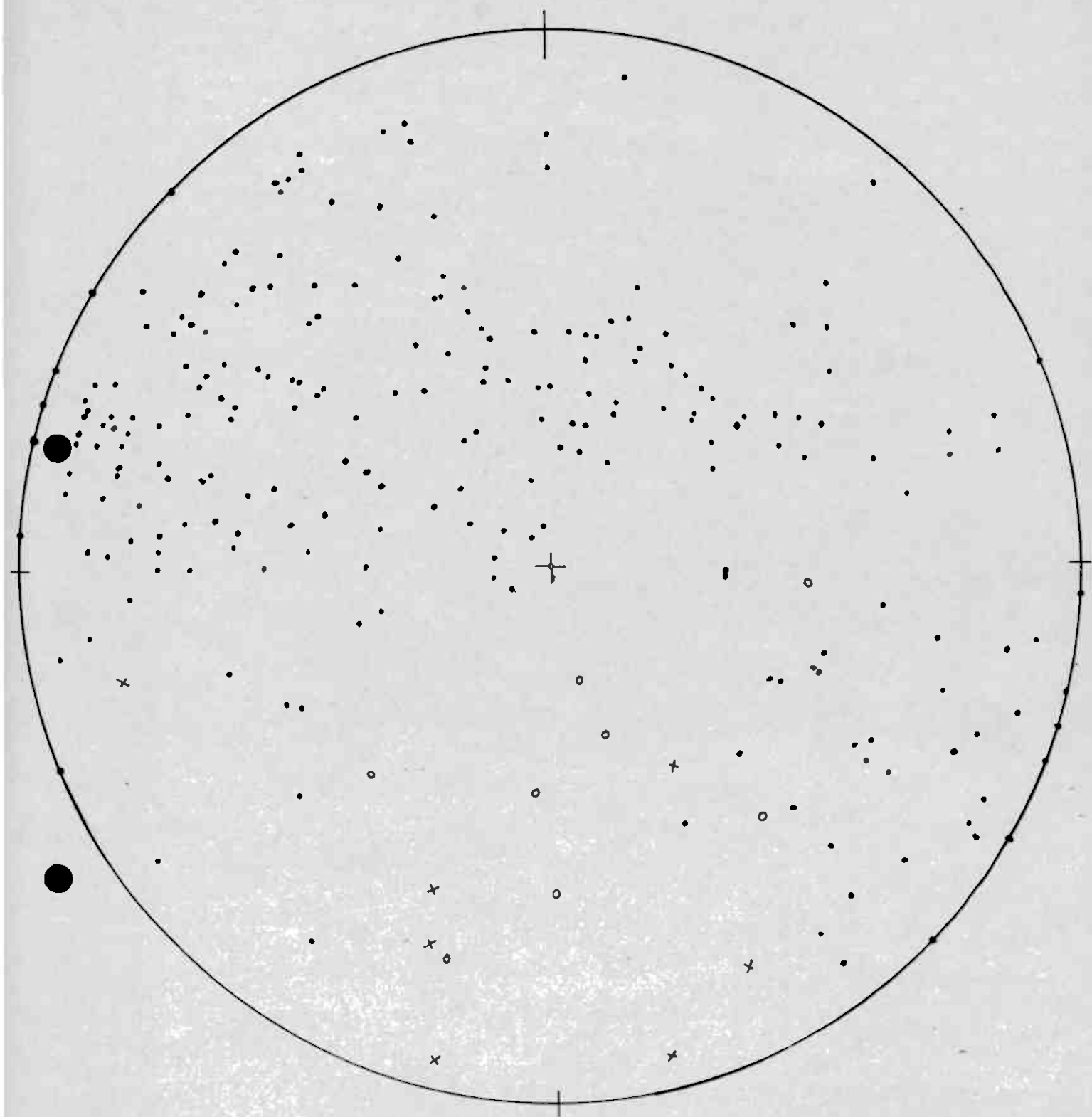
Plot 9 Central Central Area (gneisses). Schmidt net.
Lower hemisphere. Poles to foliation planes (172 points).
Minor folds (3 points). Lineation (10 points).



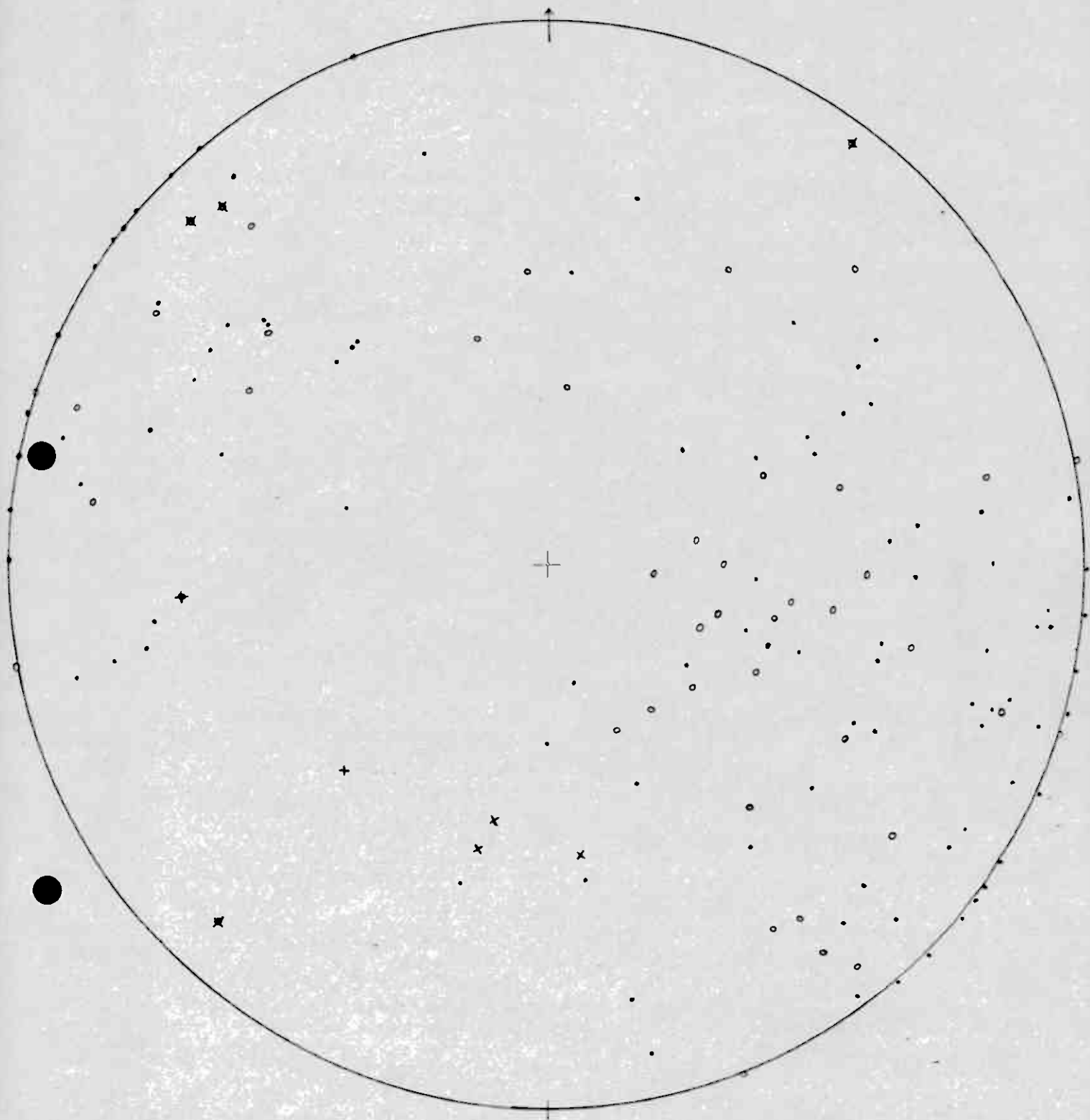
Plot 10 Central Central Area. (Basic rocks). Schmidt net.
Lower hemisphere. Poles to foliation planes (227 points).
Fold axes (5 points). Lineations (7 points).



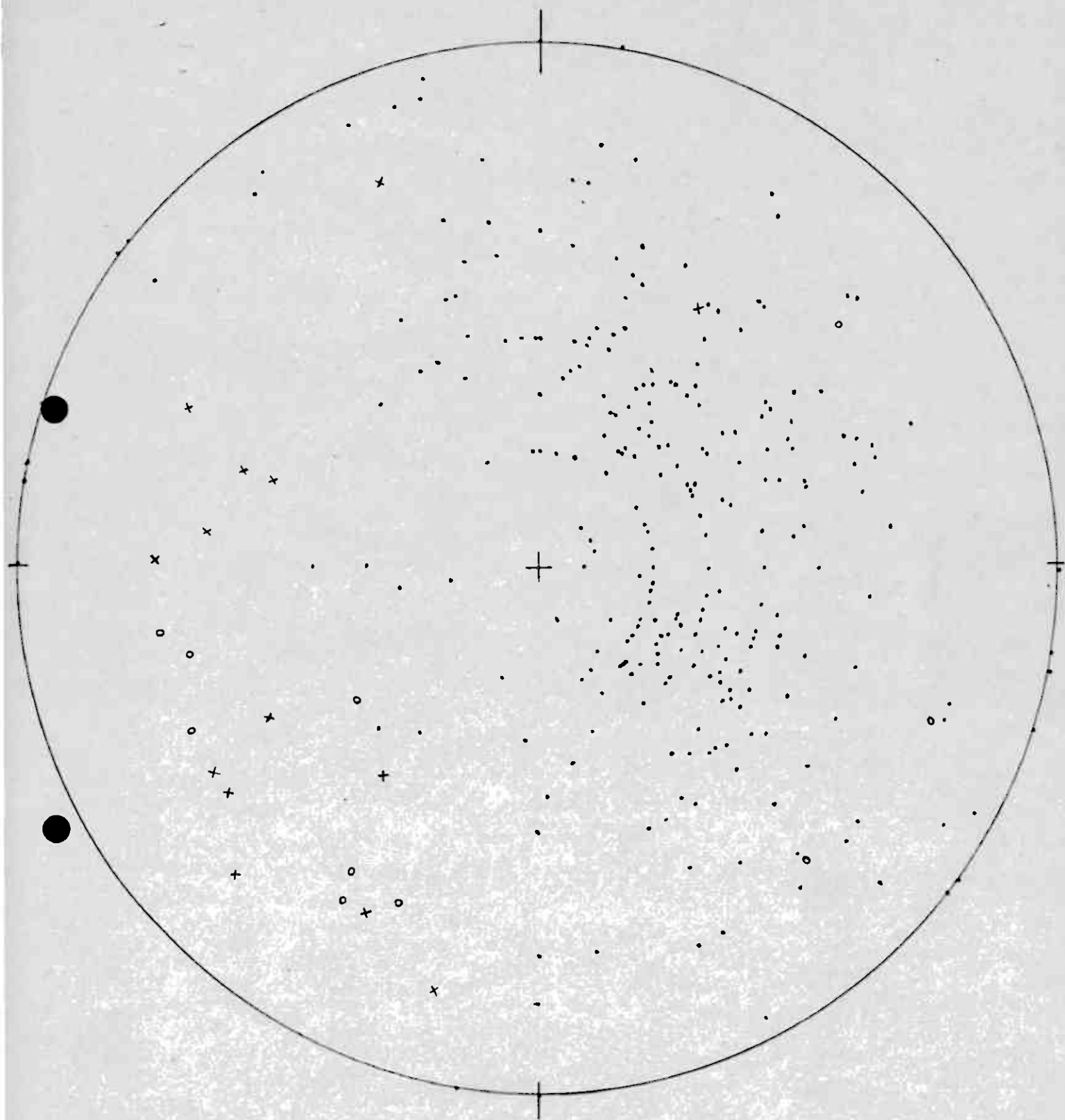
Plot 11 Central Eastern Area. Schmidt net. Lower hemisphere.
Poles to foliation planes (173 points).
Lineations (3 points). Minor folds (6 points).



Plot 12 Northern Western Area. Schmidt net. Lower hemisphere.
Poles to foliation planes (220 points).
Lineations (8 points). Minor folds (7 points).



Plot 13 Northern Central Area. Schmidt net. Lower hemisphere.
Poles to foliation planes - basic rocks (80 points).
Poles to foliation planes - gneisses (43 points).
Minor folds (4 points). Lineations (5 points).



Plot 14 Northern Eastern Area. Schmidt net. Lower hemisphere.
Poles to foliation planes (257 points).
Lineations (10 points). Minor folds (14 points).

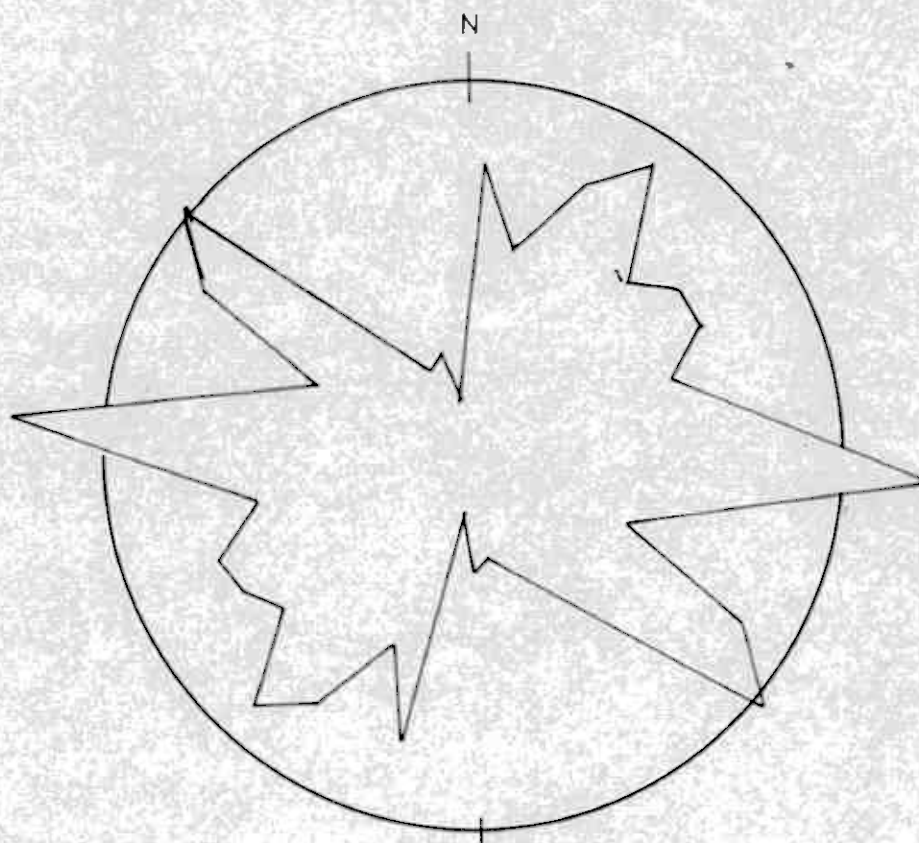


Fig. 3 Rosette-diagram of the total area fracture pattern (378 fractures).

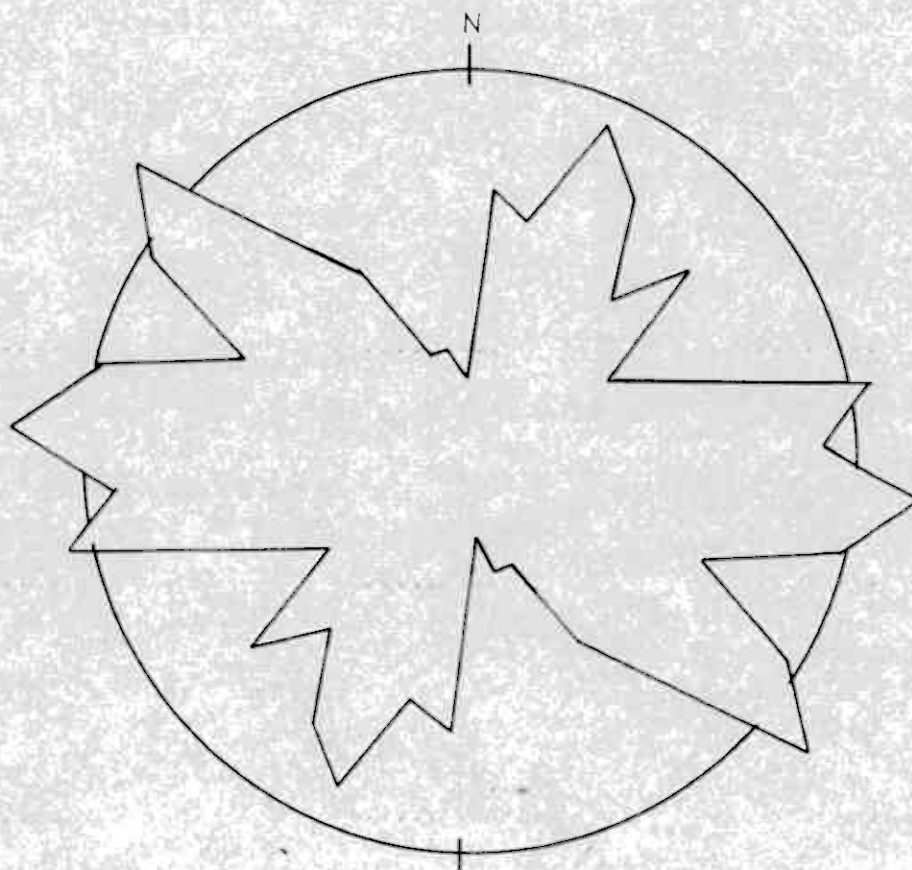


Fig. 4 Rosette diagram of fractures in amphibolite/gabbro and surrounding hornblende gneiss (250 fractures).

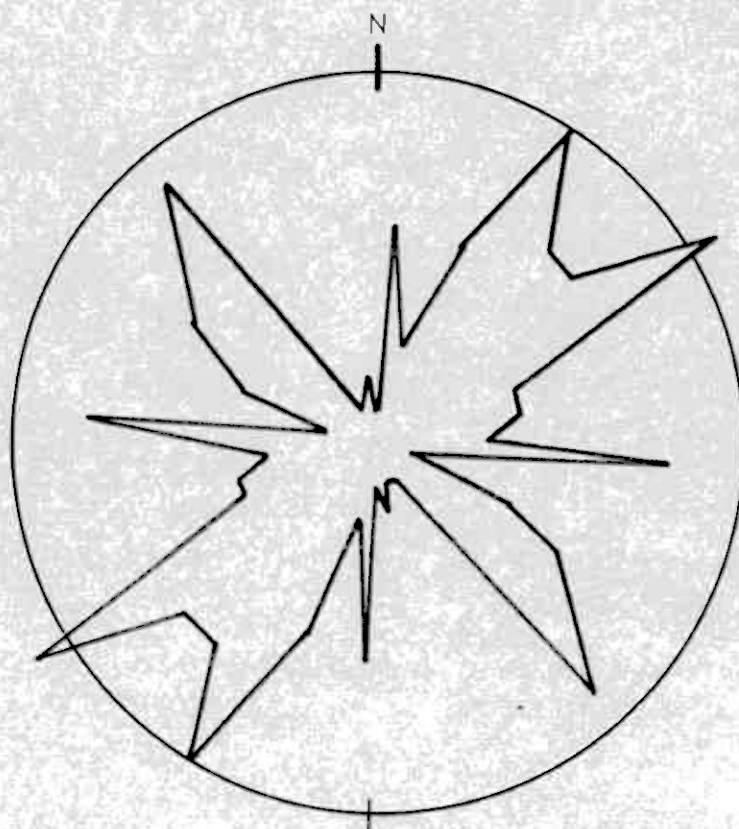


Fig. 5 Rosette diagram of fractures in granitic gneiss (97 fractures).