

SVERIGES GEOLOGISKA UNDERSÖKNING

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SER. C

AVHANDLINGAR OCH UPPSATSER

NR 594

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ÅRSBOK 57 (1963) Nr 5

BJÖRN JÄRNEFORS

LERVARVSKRONOLOGIEN  
OCH ISRECESSIONEN  
I ÖSTRA MELLANSVERIGE  
PLANSCHERNA 1—11

VARVE CHRONOLOGY AND ICE RECESSION  
IN EASTERN CENTRAL SWEDEN






PLATES 1—11



STOCKHOLM 1963

# ICE RECESSION IN MIDDLE SWEDEN

By  
B. Järnefors and E. Fromm

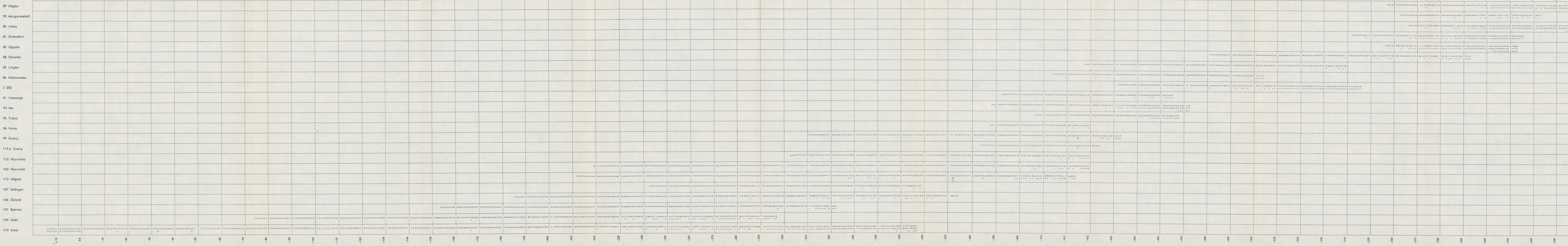
-  Ice margin
-  Esker
-  Glacial striae  
(accord. to G. Lundqvist 1958 and 1963)
-  Boring (B. Järnefors)
-  Digging (E. Fromm)

0 50 km



Varvmäktigheter i mm för åren +14 — -640 i östra Mellansverige

Thickness in mm of the annual varves +14 — -640 in eastern Central Sweden



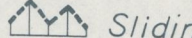

Varvmåktigheter i mm för åren -583 — -830 i östra Mellansverige

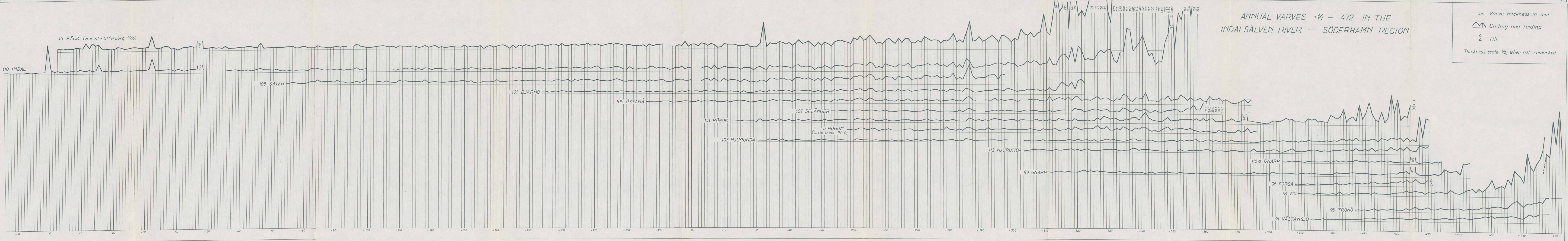
Thickness in mm of the annual varves -583 — -830 in eastern Central Sweden

	-590	-600	-610	-620	-630	-640	-650	-660	-670	-680	-690	-700	-710	-720	-730	-740	-750	-760	-770	-780	-790	-800	-810	-820	-830			
45 Haglösa			11 11 11 11 11		11 11 11 11 11		10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11		
46 Tegelsmora				5 5 5 5 5		10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11		
47 Filsarby				10 10 10 10 10		10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	
52 Östhammars k:a				11		10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	
55 Forsmarks k:a			5 11 11 11 11		10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	10 11 11 11 11	
56 Skärplinge	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
29 Björklinge													9 9 9 9 9															
30 Götbrunna																												
31 Månkarbo																												
32 Gryttjom																												
33 Postboda																												
34 Långvreta																												
36 Vestra Vad																												
57 Bläcken	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
41 Kårbo																												
76 Jössäng																												
37 Sandby	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
39 Smedsbo																												
40 Grimsarbo																												
77 Rörbergs hpl																												
79 Rörberg																												
78 Mackmyra																												




ANNUAL VARVES +14 - -472 IN THE  
INDALSÄLVEN RIVER - SÖDERHAMN REGION

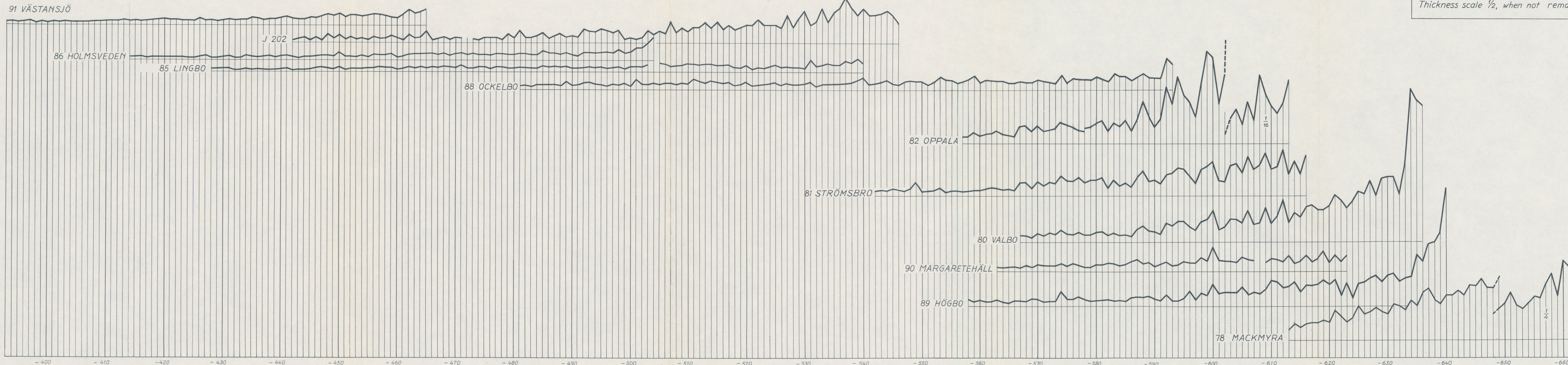
410 Varve thickness in mm  
 Sliding and folding  
 Till  
Thickness scale 1/2, when not remarked




# ANNUAL VARVES -393 — -662 IN THE SÖDERHAMN — GÄVLE REGION

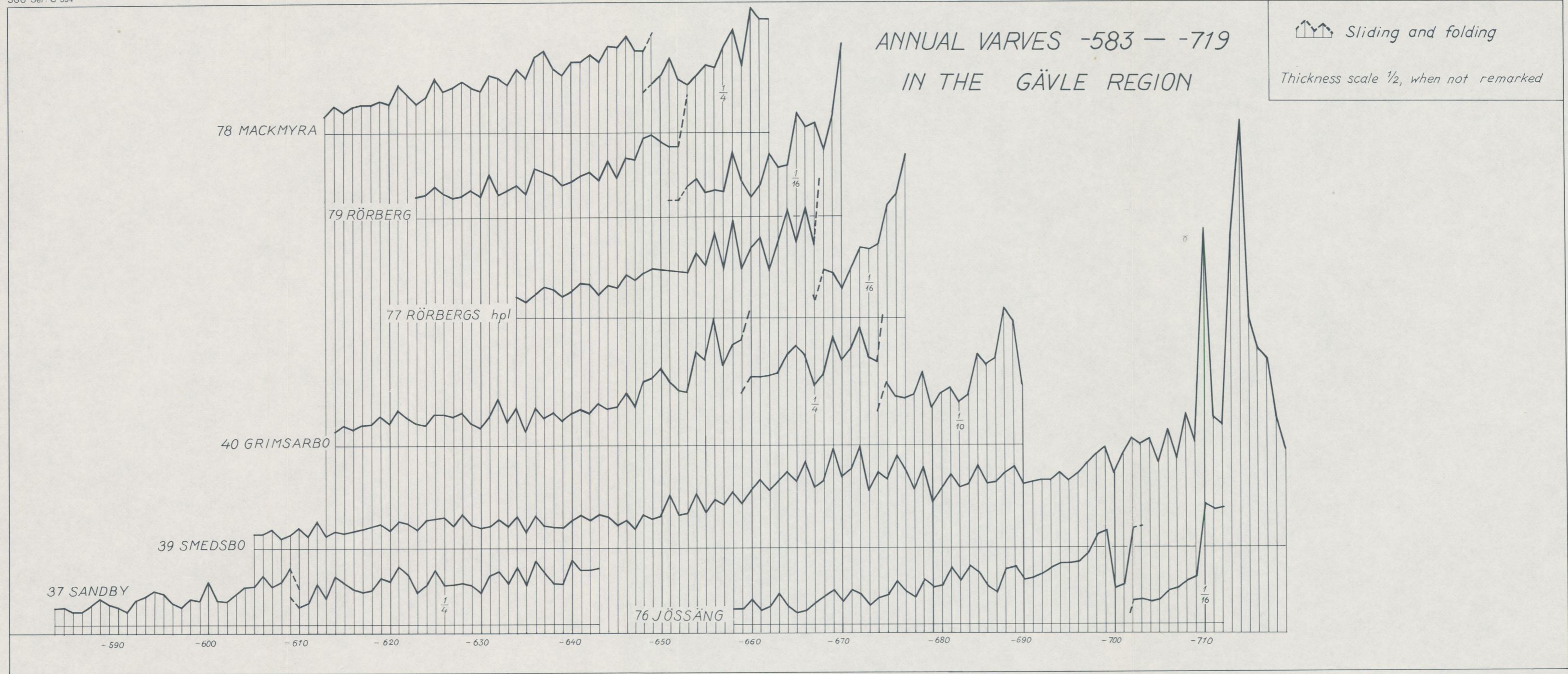
 Sliding and folding

Thickness scale 1/2, when not remarked




# ANNUAL VARVES -583 — -719 IN THE GÄVLE REGION

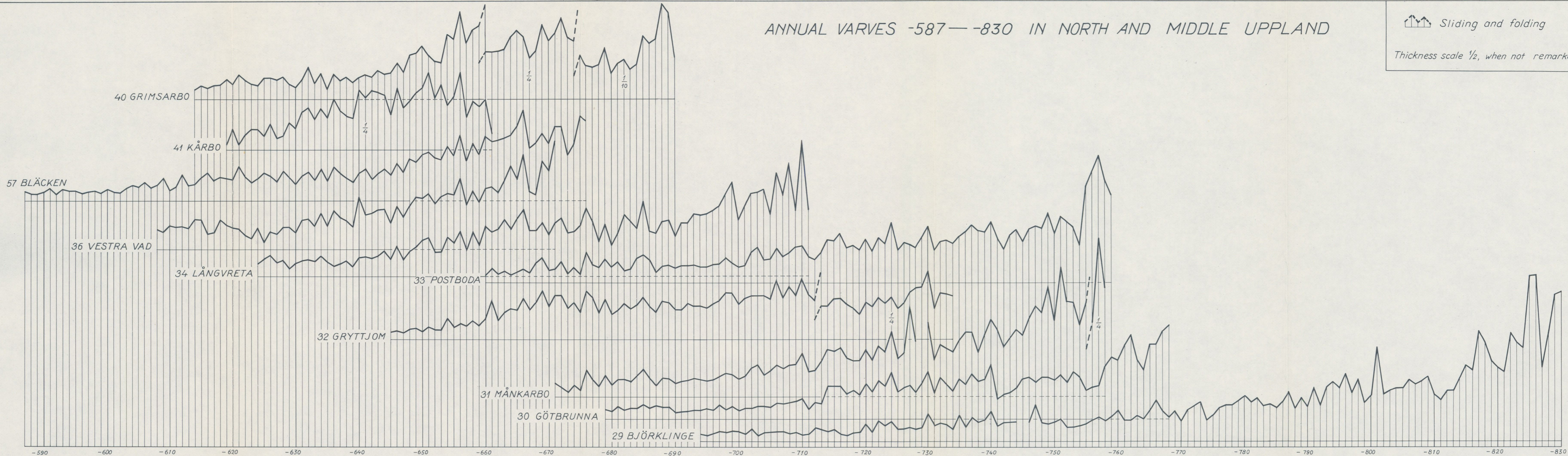
 Sliding and folding  
Thickness scale 1/2, when not remarked




# ANNUAL VARVES -587—-830 IN NORTH AND MIDDLE UPPLAND

 Sliding and folding

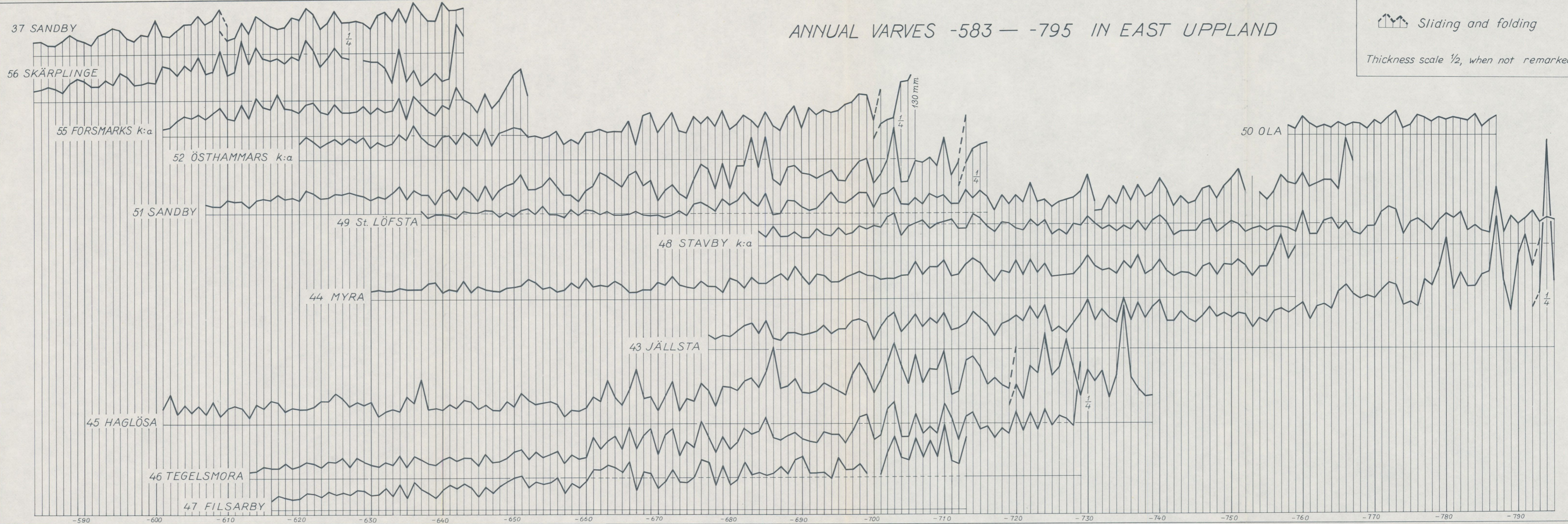
Thickness scale 1/2, when not remarked




# ANNUAL VARVES -583 — -795 IN EAST UPPLAND

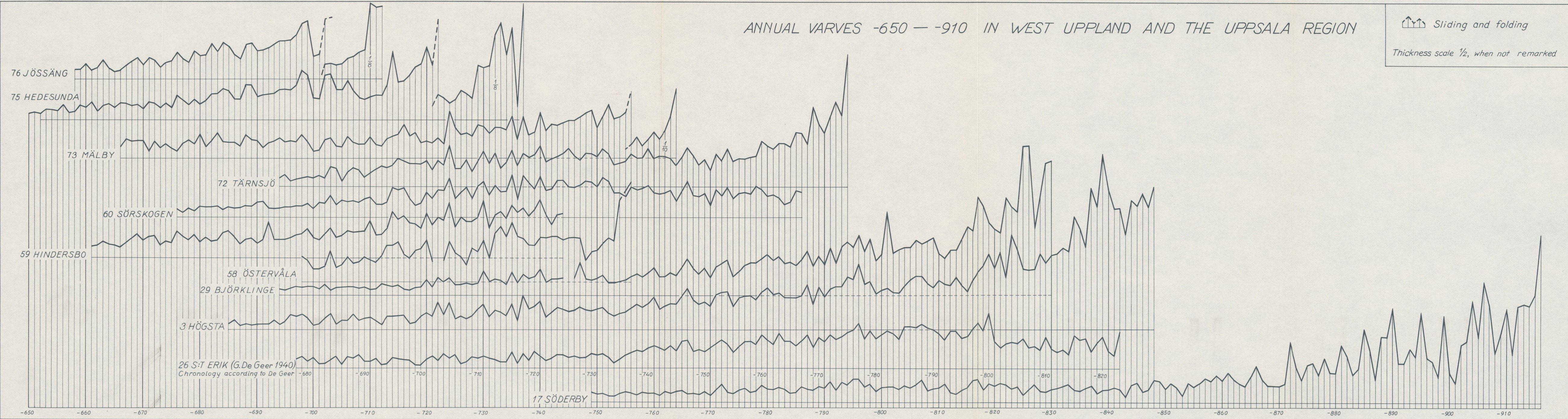
 Sliding and folding

Thickness scale 1/2, when not remarked




# ANNUAL VARVES -650 — -910 IN WEST UPPLAND AND THE UPPSALA REGION

 Sliding and folding  
 Thickness scale 1/2, when not remarked



# ANNUAL VARVES -615 — -840 IN WEST UPPLAND AND THE SALA—AVESTA REGION

 Sliding and folding  
 Thickness scale 1/2, when not remarked

