MEDDELELSER OM GRØNLAND
UDGIVNE AF
KOMMISSIONEN FOR VIDENSKABELIGE UNDERSØGELSER I GRØNLAND
Bd. 130 · Nr. 1

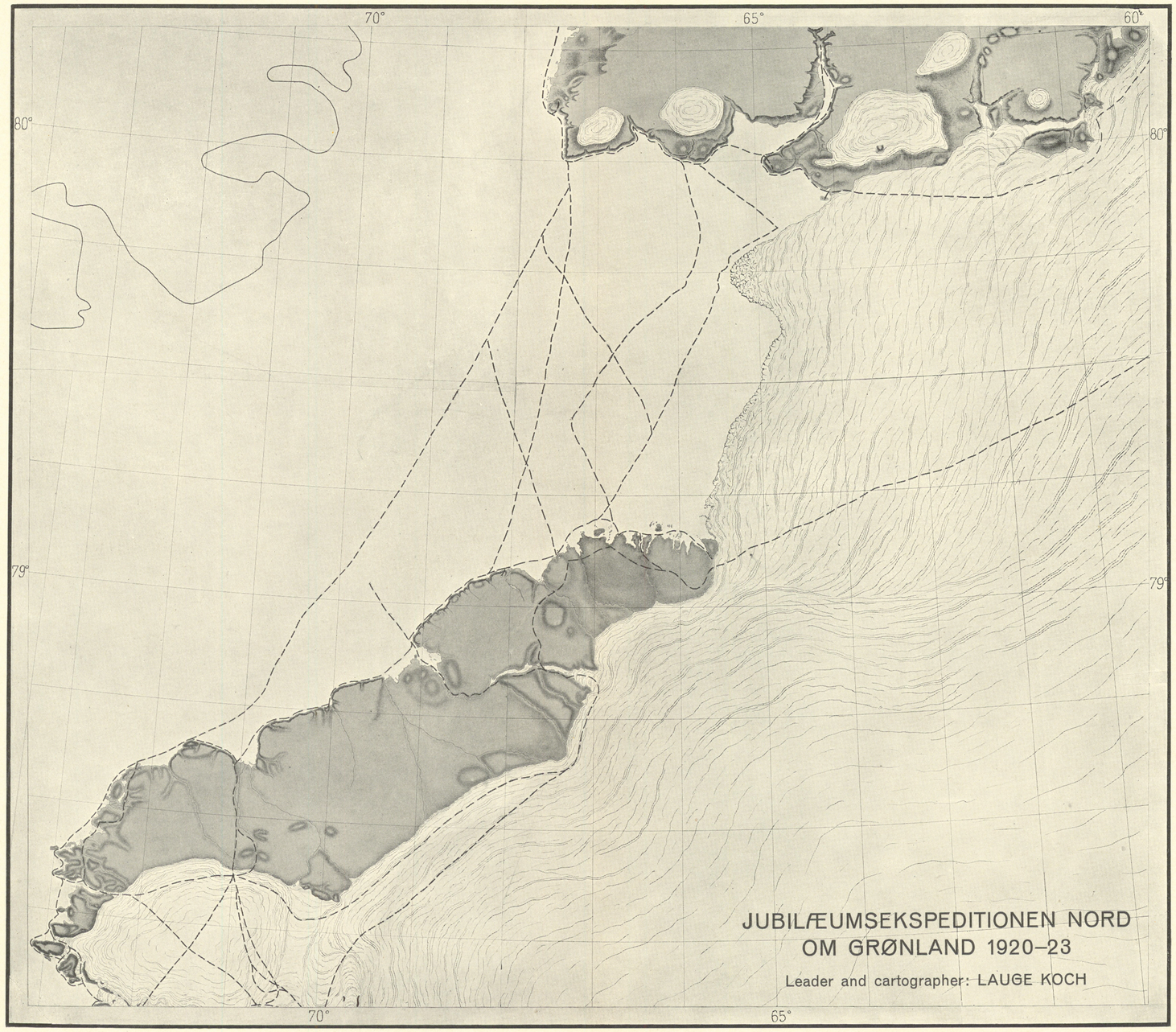
SURVEY OF NORTH GREENLAND

BY

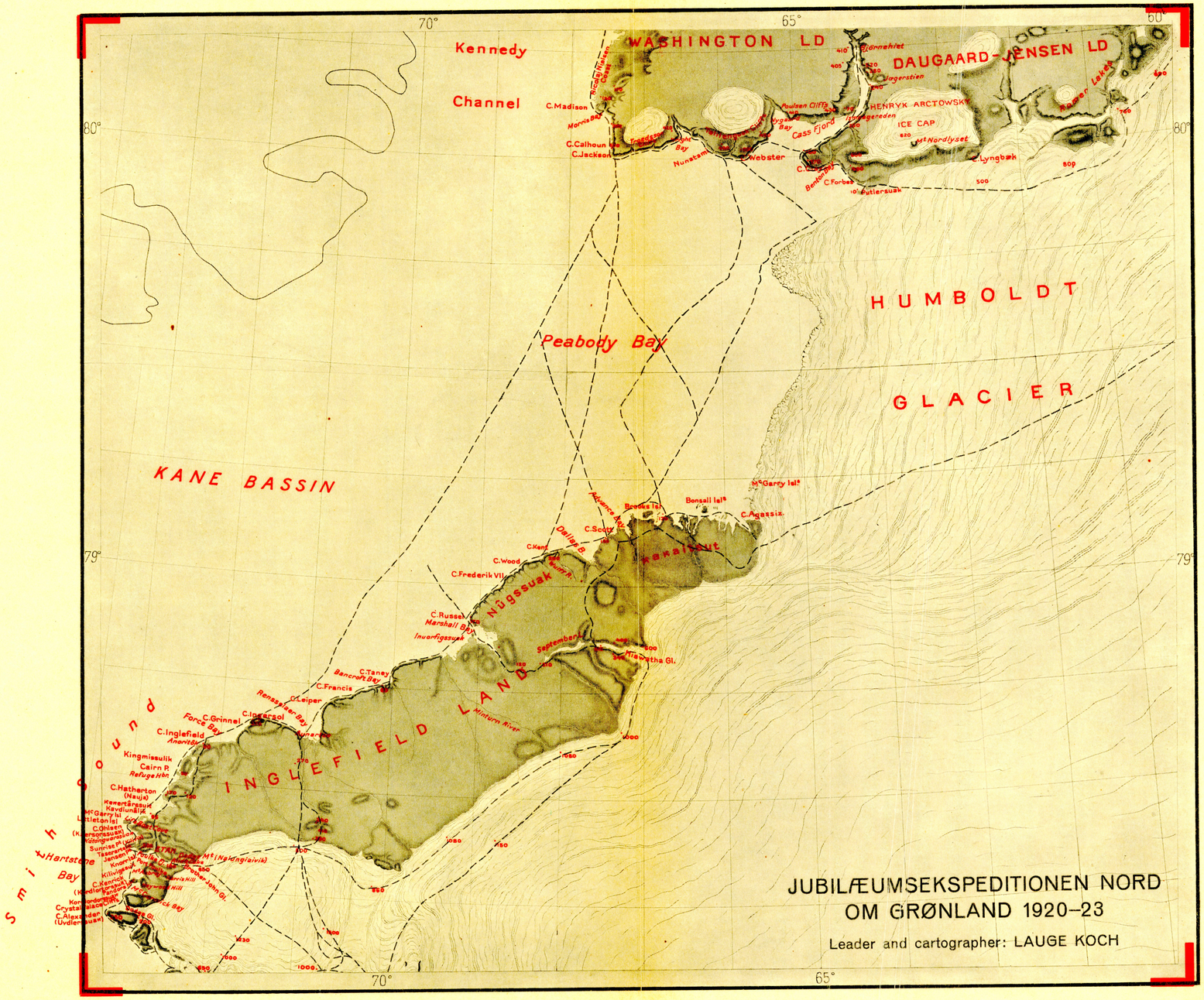
LAUGE KOCH

PLATES 1–21

KØBENHAVN
C. A. REITZELS FORLAG
BIANCO LUNOS BOGTRYKKERI A/S
1940

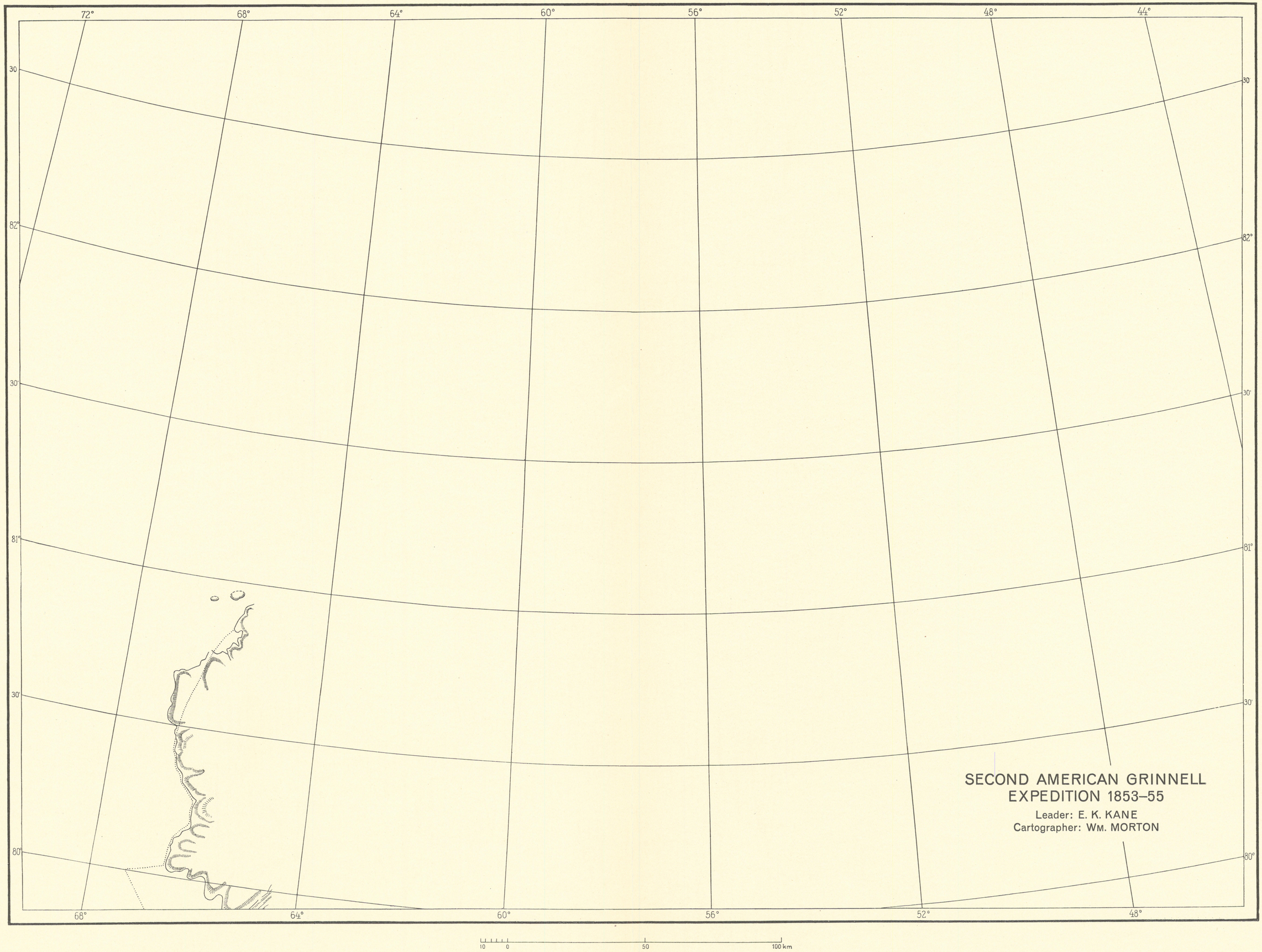

70°
65°
60°
80°
79°
JUBILÆUMSEKSPEDITIONEN NORD
OM GRØNLAND 1920–23
Leader and cartographer: LAUGE KOCH

PL. 1.



JUBILÆUMSEKSPEDITIONEN NORD
OM GRØNLAND 1920–23

Leader and cartographer: LAUGE KOCH


72°
68°
64°
60°
56°
52°
48°
44°
30'
82°
30'
81°
30'
80°
SECOND AMERICAN GRINNELL
EXPEDITION 1853–55
Leader: E. K. KANE
Cartographer: Wm. MORTON
10 0 50 100 km

72° 68° 64° 60° 56° 52° 48° 44°

30' 82° 30' 81° 30' 80°

Highest Point reached Aug 31

Boat Party June-July 72

Meyer on foot July 72

Meyer and Tyson May 72

Hall Oct 71

Chester and Bessels Sept 71

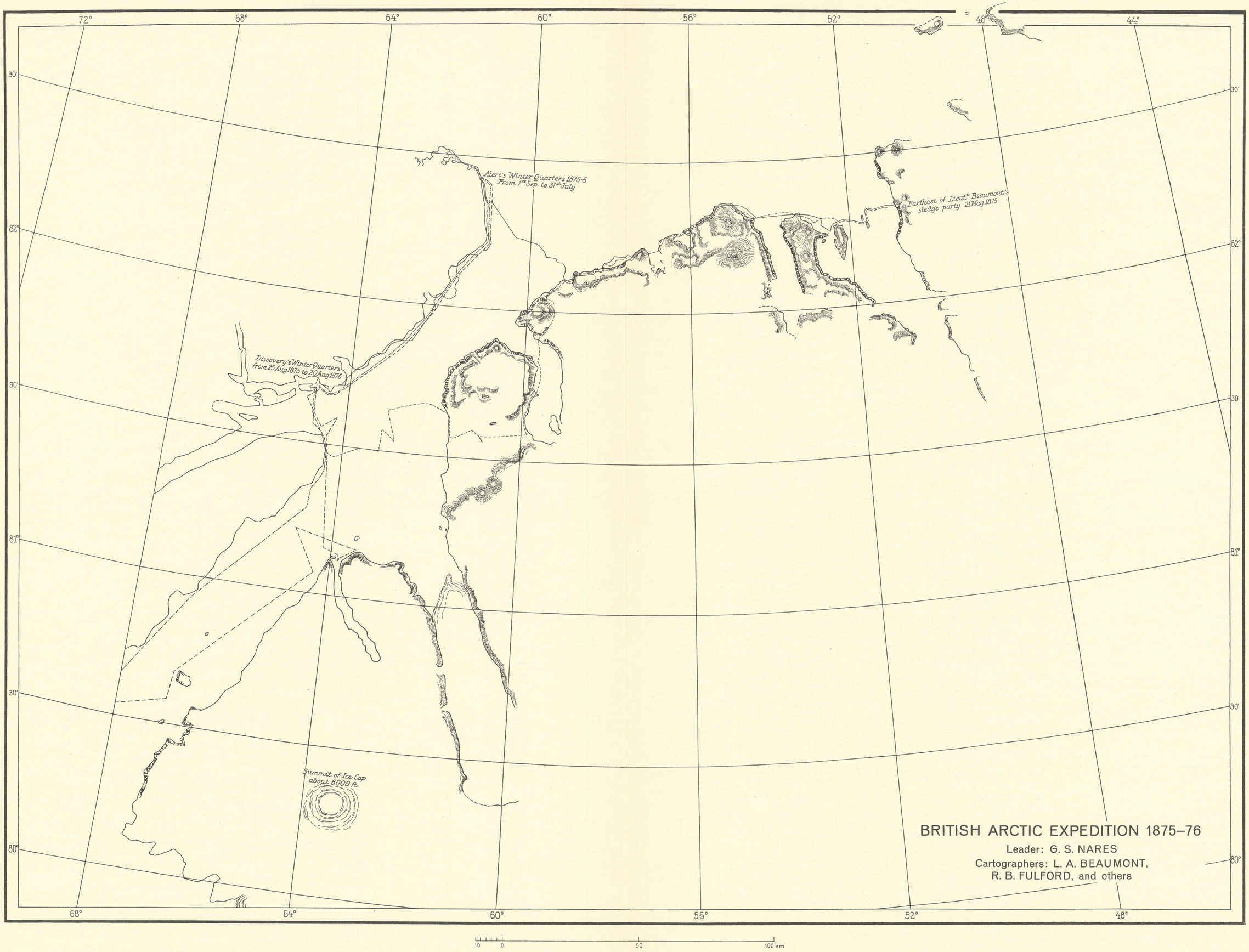
Bessels and Bryan Apr 1872

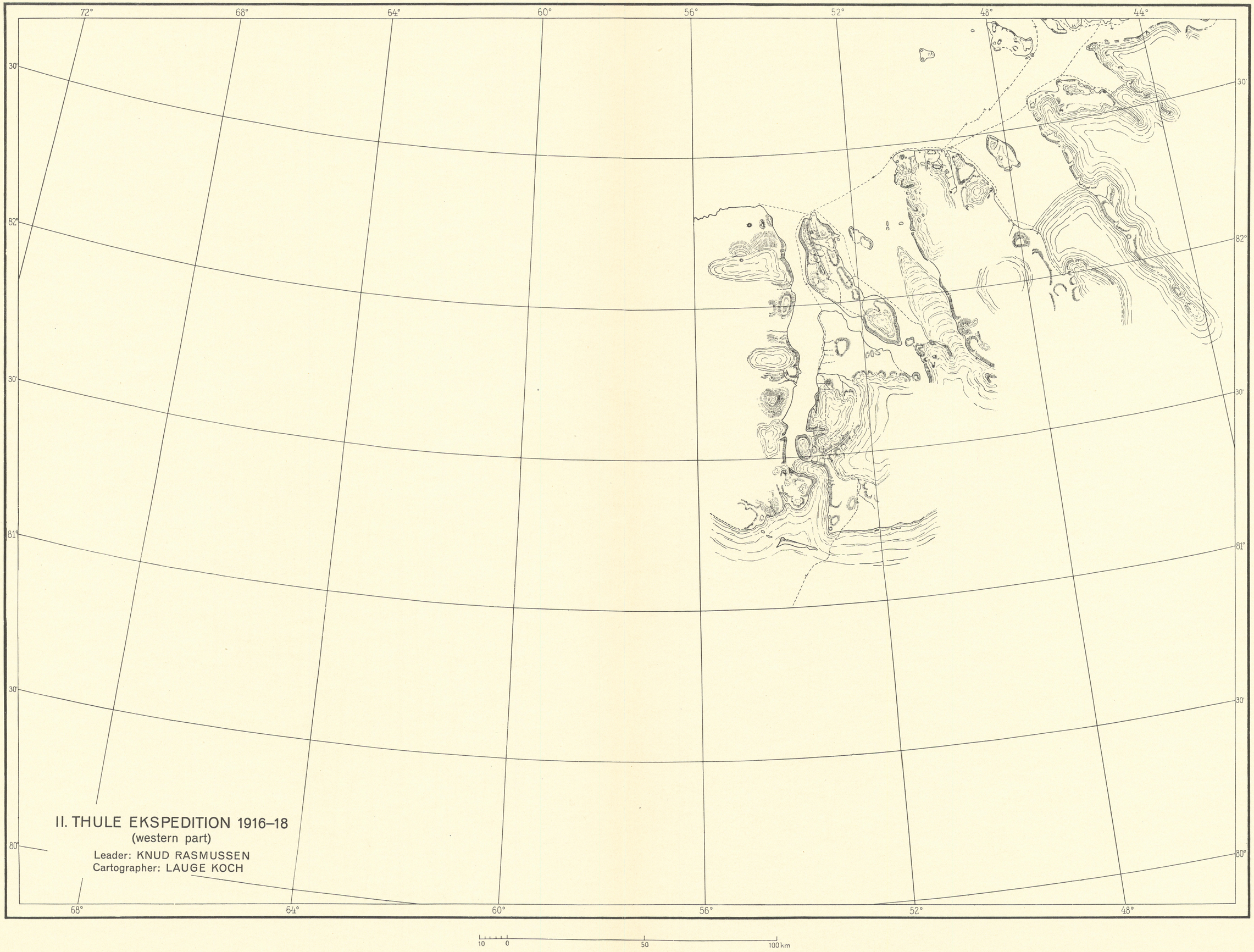
Bessels and Bryan

Bessels

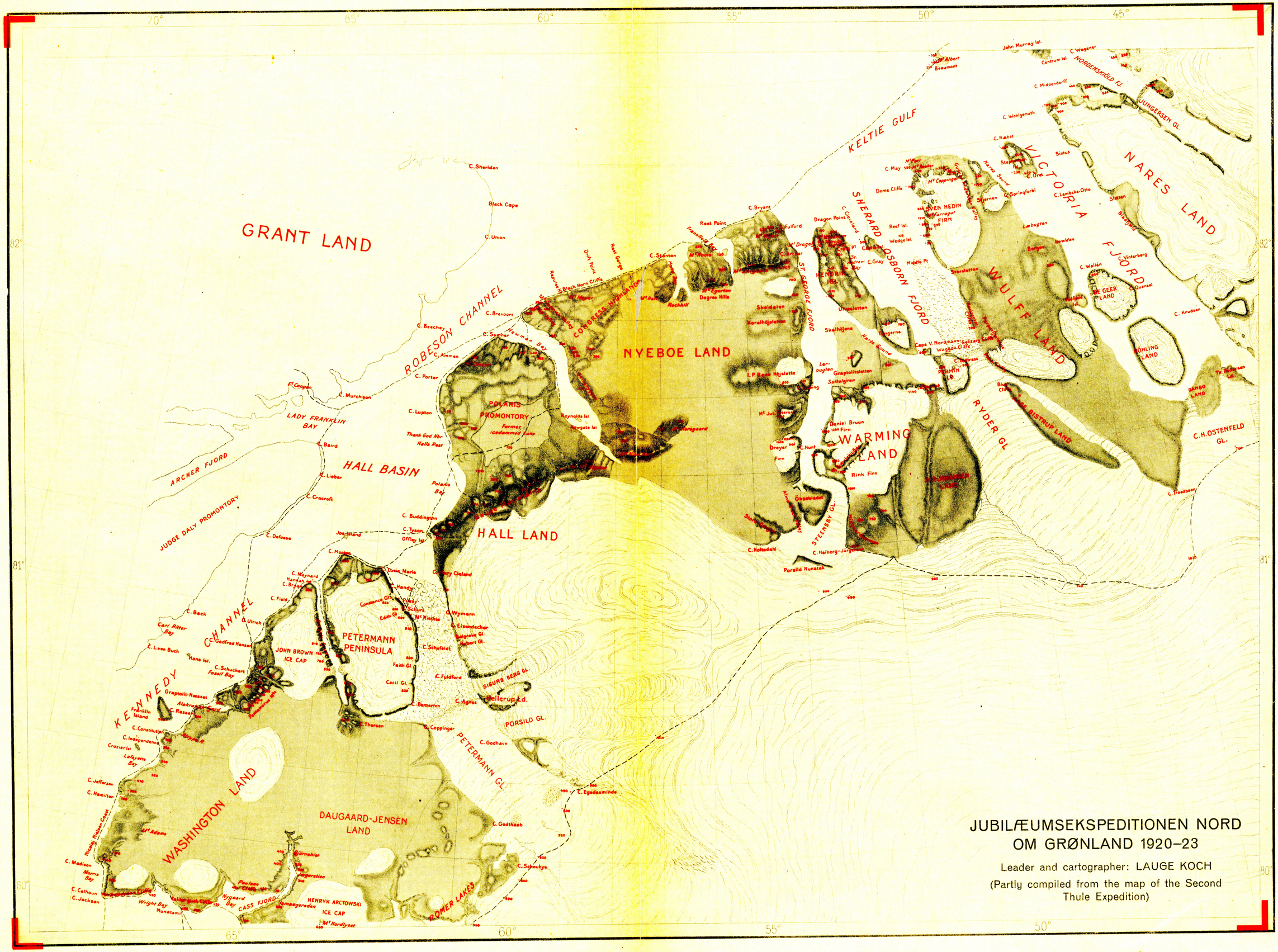
U. S. ARCTIC EXPEDITION
S. S. "POLARIS" 1871–73
Leader: C. F. HALL
Cartographers: E. BESSELS and others

10 0 50 100 km


72°
68°
64°
60°
56°
52°
48°
44°
30'
82°
81°
80°
Alert's Winter Quarters 1875-6
From 1st Sep. to 31st July
Farthest of Lieut.t Beaumont's
sledge party 21 May 1875
Discovery's Winter Quarters
from 25 Aug 1875 to 20 Aug 1876
Summit of Ice Cap
about 6000 ft.
BRITISH ARCTIC EXPEDITION 1875–76
Leader: G. S. NARES
Cartographers: L. A. BEAUMONT,
R. B. FULFORD, and others
10 0 50 100 km


72°
68°
64°
60°
56°
52°
48°
44°
30'
82°
81°
80°
II. THULE EKSPEDITION 1916–18
(western part)
Leader: KNUD RASMUSSEN
Cartographer: LAUGE KOCH
10 0 50 100 km

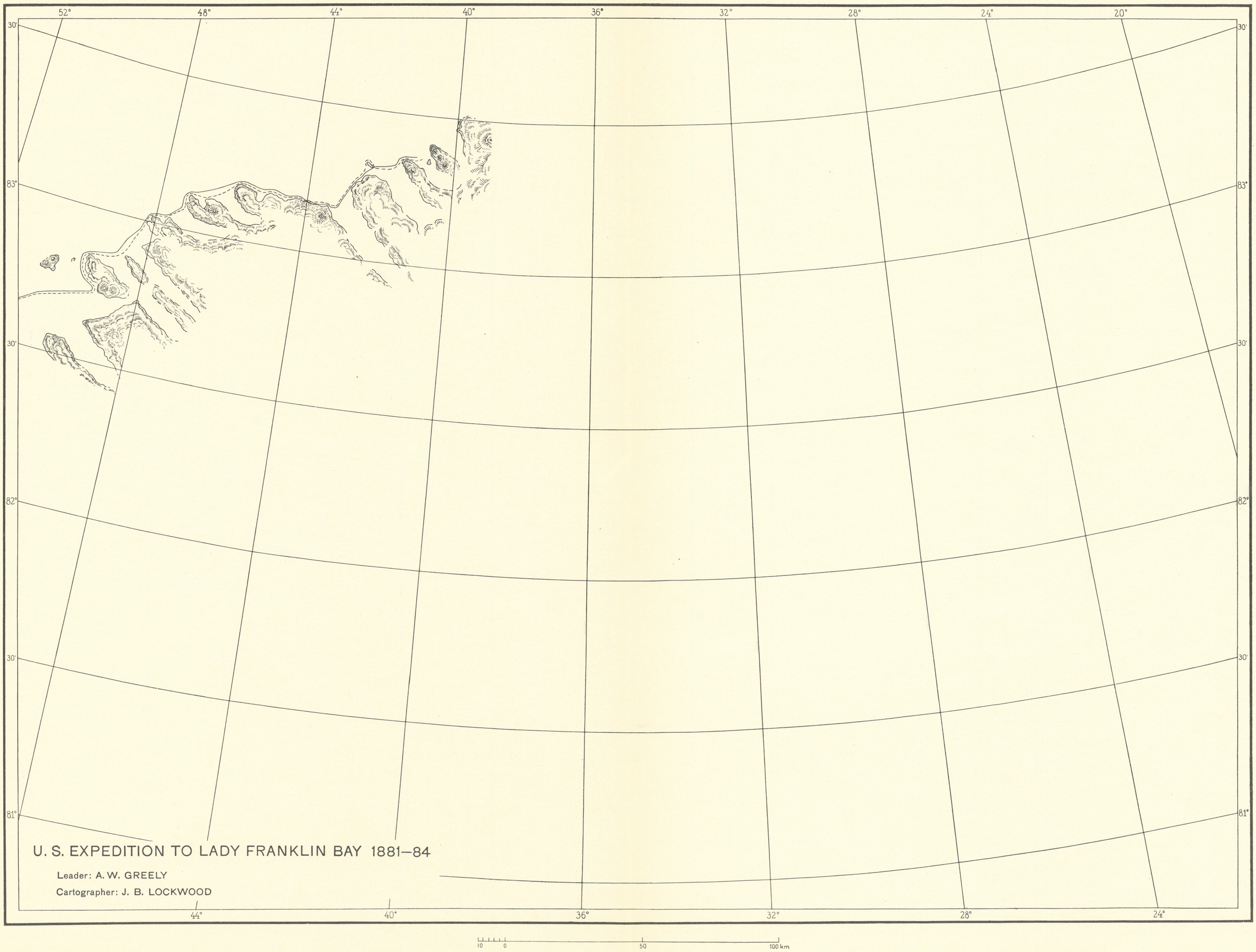

70°
65°
60°
55°
50°
45°
82°
81°
80°
JUBILÆUMSEKSPEDITIONEN NORD
OM GRØNLAND 1920–23
Leader and cartographer: LAUGE KOCH
(Partly compiled from the map of the Second
Thule Expedition)
10 0 50 100 km



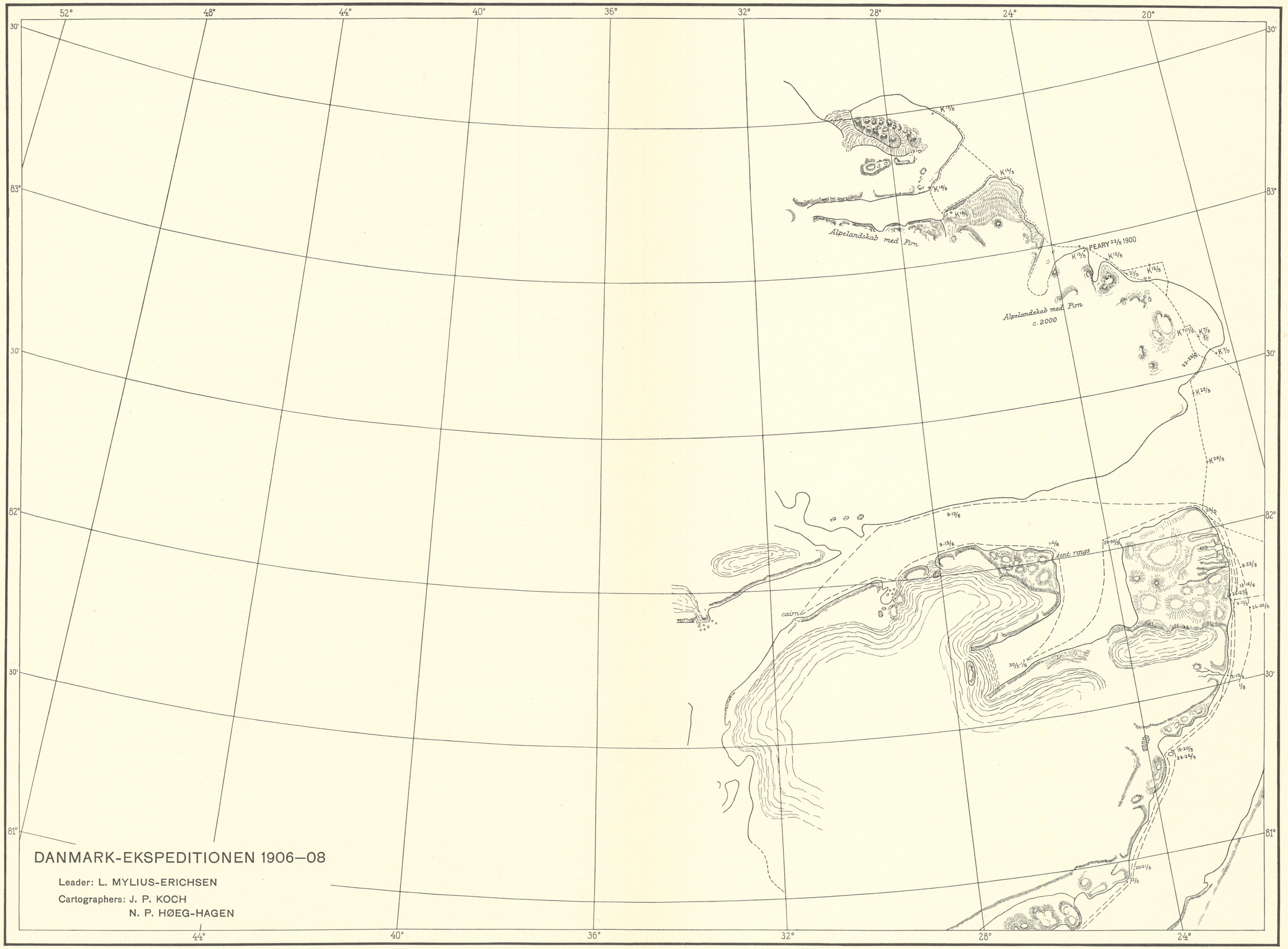
JUBILÆUMSEKSPEDITIONEN NORD OM GRØNLAND 1920–23

Leader and cartographer: LAUGE KOCH

(Partly compiled from the map of the Second Thule Expedition)


52°
48°
44°
40°
36°
32°
28°
24°
20°
30'
83°
30'
82°
30'
81°
U. S. EXPEDITION TO LADY FRANKLIN BAY 1881–84
Leader: A. W. GREELY
Cartographer: J. B. LOCKWOOD
44°
40°
36°
32°
28°
24°
10 0 50 100 km


52°
48°
44°
40°
36°
32°
28°
24°
20°
30'
83°
30'
82°
30'
81°
AMERICAN ARCTIC EXPEDITIONS
1891–92, 1893–95, (and 1898–1902)
Leader and cartographer: R. E. PEARY
44°
40°
36°
32°
28°
24°
10 0 50 100 km


52°
48°
44°
40°
36°
32°
28°
24°
20°
30'
83°
82°
81°
K 15/5
K 14/5
K 16/5
K 18/5
Alpelandskab med Firn
PEARY 22/5 1900
K 13/5
K 12/5
K 21/5
Alpelandskab med Firn
c. 2000
K 11/5
K 7/5
K 7/5
22-24/6
K 25/5
K 26/5
5-13/6
28/5
8-13/6
1-4/6
tent rings
29-30/5
8-23/8
13/6
26-27/8
9-11/6
24-25/6
cairn
30/5-1/6
12-15/5
1/9
15-20/5
23-24/5
20-21/5
22/5
DANMARK-EKSPEDITIONEN 1906—08
Leader: L. MYLIUS-ERICHSEN
Cartographers: J. P. KOCH
N. P. HØEG-HAGEN
10 0 50 100 km

2nd THULE EXPEDITION 1916–18

Leader: KNUD RASMUSSEN

Cartographer: LAUGE KOCH

1st THULE EXPEDITION 1912

Leader: KNUD RASMUSSEN

Cartographer: PETER FREUCHEN

52° 48° 44° 40° 36° 32° 28° 24° 20°

83° 30' 82° 30' 81°

10 0 50 100 km

JUBILÆUMSEKSPEDITIONEN NORD OM GRØNLAND 1920–23

Leader and cartographer: LAUGE KOCH

(Partly compiled from maps of earlier expeditions)

50° 45° 40° 35° 30° 25° 20°

83° 82° 81°

45° 40° 35° 30° 25°

10 0 50 100 km

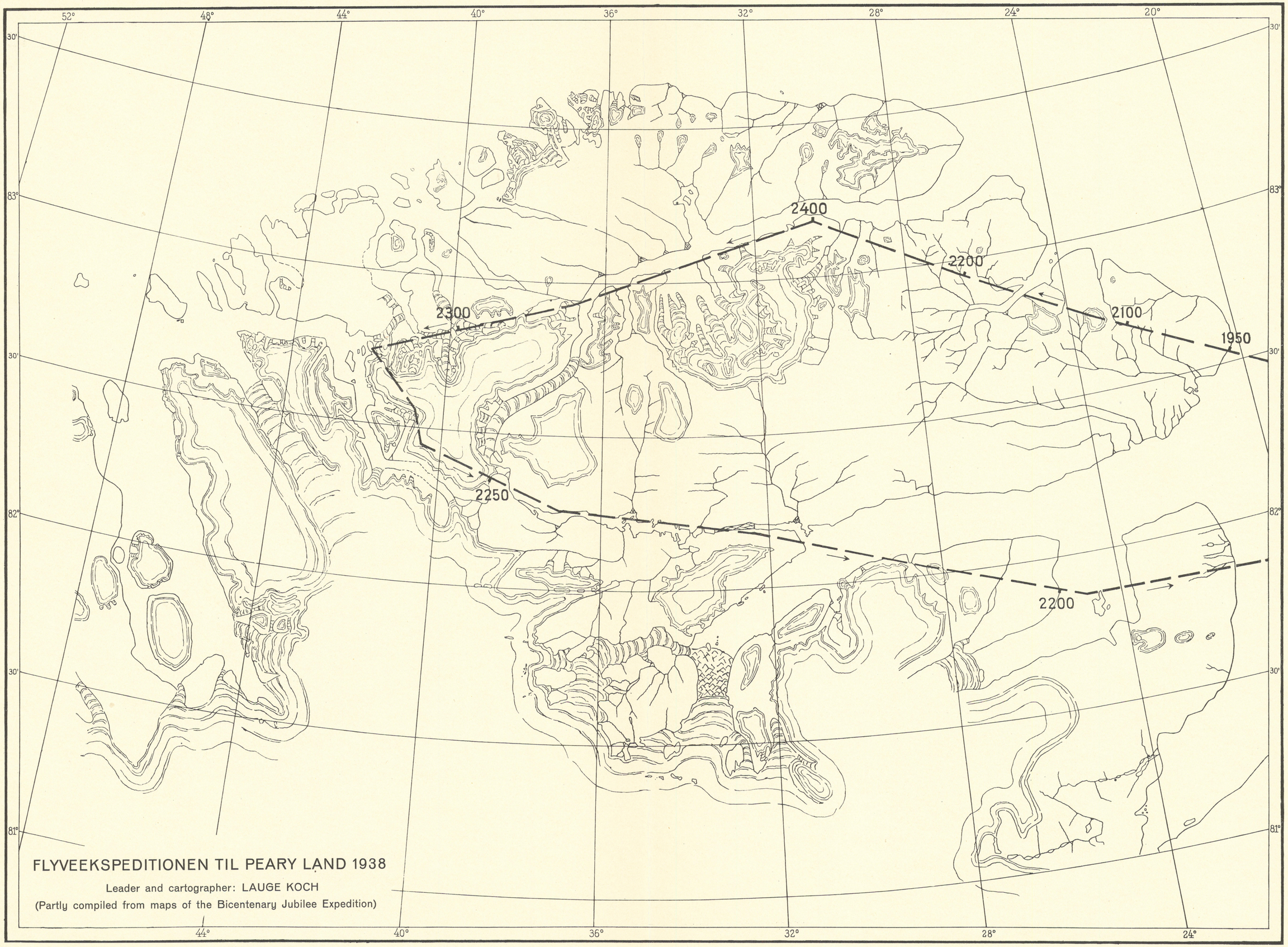
JUBILÆUMSEKSPEDITIONEN NORD OM GRØNLAND 1920–23

Leader and cartographer: LAUGE KOCH
(Partly compiled from maps of earlier expeditions)

MC KINLEY SEA
Roosevelt Range
Hans Egede Mountains
PEARY LAND
NANSEN LAND
FREUCHEN LAND
VICTORIA FJORD
NARES LAND
WULFF LAND
Frederick E. Hyde Fjord
I. P. Koch Fjord
Nordenskjöld Fjord
Jungersen Gl.
Wilczek Fjord
De Long Fj.
Hunde Fj.
Hall Basin
Kane Basin
Kennedy Channel
Kane Sea
Erlandsen Ld
Melville Ld
Heilprin Ld
Chr. Erichsen Ice Cap
Storm Ice Cap
Rafns Sø
Adam Bay
Marie Sophie Gl.
Holger Kiær Nunatak
Nansen Nunataks
Röhling Land
Daugaard-Jensen Land
Geer Land
C. H. Ostenfeld Gl.
Hansen Land
Ulfs Land
Academy Land
Academy Gl.
I. C. CHRISTENSEN LD
MYLIUS ERICHSEN LD
INDEPEDENCE FJ.
Hagen Fjord
VALDEMAR GLUCKSTADT LD
DANMARK FJORD
F J.
Mudderbay
C. København
C. Ellen Rasmussen
Hankinhorn Strand
Kjøvesletten
C. Vaarbrud
C. Caroline Marie
C. Rigsdagen
C. Kronborg
Dundersteddal
C. Renaissance
Pinseskæret
C. Viborg
Jyske Ås
Sjællandsstenen
Ulvebakkerne
Mylius Erichsens summer camp 1907
C. Harald Moltke
C. Peter Henrik
C. Ludovika
C. Bernhard
C. Grundloven
C. Steedt
C. Bjørnbo
C. Ejnar Mikkelsen
C. Kallundborg
C. Troedsson
C. Wegener
C. Middendorff
C. Wohlgemuth
C. Hansen
C. Sabine
C. Washington
C. Cannon
C. Hans Egede
C. Christian VII
C. Morris Jesup
C. James Hill
C. Bridgman
C. John Flagler
C. Isak Gluckstadt
C. Hammer
C. Hommack
C. Ramsey
C. Payer
C. Richthofen
C. Hofmeister
C. Schei
C. Frederik VI
C. Sabine
C. Lambcke-Otto
C. Knudsen
C. Vinterberg
C. Springforbi
C. Thordsen
C. Ørsted
C. Larsen
C. Helmsen
C. Britannia
C. Albert
C. Beaumont
C. Gleerup
C. Larsen
C. Peary
C. Jessen
C. Bryan
C. Ellison
C. Markham
C. Richardson
C. Hansen
C. Larsen
C. Rasmussen
C. Bjørnbo
C. Stampenborg
C. Kløvey
C. Viborg
Keffeklubben Isl.
Bliss Bay
Cape J. P. Koch
Constable Bay
Navy Peary Peak
Mt. Benedict Mountains
Mt. Falkenhorst
Mt. Sylfaesbennerrines
Mt. Hansborough Gl.
Mt. Thomsen Fj.
Mt. Jessen
Mt. Hansen
Mt. Hanne Isl.
Mt. Wilczek Fj.
Mt. Hunde Fj.
Mt. Hall Basin
Mt. Kane Basin
Mt. Kennedy Channel
Mt. Kane Sea
Mt. Erlandsen Ld
Mt. Melville Ld
Mt. Heilprin Ld
Mt. Chr. Erichsen Ice Cap
Mt. Storm Ice Cap
Mt. Rafns Sø
Mt. Adam Bay
Mt. Marie Sophie Gl.
Mt. Holger Kiær Nunatak
Mt. Nansen Nunataks
Mt. Röhling Land
Mt. Daugaard-Jensen Land
Mt. Geer Land
Mt. C. H. Ostenfeld Gl.
Mt. Hansen Land
Mt. Ulfs Land
Mt. Academy Land
Mt. Academy Gl.
Mt. I. C. CHRISTENSEN LD
Mt. MYLIUS ERICHSEN LD
Mt. INDEPEDENCE FJ.
Mt. Hagen Fjord
Mt. VALDEMAR GLUCKSTADT LD
Mt. DANMARK FJORD
Mt. F J.
Mt. Mudderbay
Mt. C. København
Mt. C. Ellen Rasmussen
Mt. Hankinhorn Strand
Mt. Kjøvesletten
Mt. C. Vaarbrud
Mt. C. Caroline Marie
Mt. C. Rigsdagen
Mt. C. Kronborg
Mt. Dundersteddal
Mt. C. Renaissance
Mt. Pinseskæret
Mt. C. Viborg
Mt. Jyske Ås
Mt. Sjællandsstenen
Mt. Ulvebakkerne
Mt. Mylius Erichsens summer camp 1907
Mt. C. Harald Moltke
Mt. C. Peter Henrik
Mt. C. Ludovika
Mt. C. Bernhard
Mt. C. Grundloven
Mt. C. Steedt
Mt. C. Bjørnbo
Mt. C. Ejnar Mikkelsen
Mt. C. Kallundborg
Mt. C. Troedsson
Mt. C. Wegener
Mt. C. Middendorff
Mt. C. Wohlgemuth
Mt. C. Hansen
Mt. C. Sabine
Mt. C. Washington
Mt. C. Cannon
Mt. C. Hans Egede
Mt. C. Christian VII
Mt. C. Morris Jesup
Mt. C. James Hill
Mt. C. Bridgman
Mt. C. John Flagler
Mt. C. Isak Gluckstadt
Mt. C. Hammer
Mt. C. Hommack
Mt. C. Ramsey
Mt. C. Payer
Mt. C. Richthofen
Mt. C. Hofmeister
Mt. C. Schei
Mt. C. Frederik VI
Mt. C. Sabine
Mt. C. Lambcke-Otto
Mt. C. Knudsen
Mt. C. Vinterberg
Mt. C. Springforbi
Mt. C. Thordsen
Mt. C. Ørsted
Mt. C. Larsen
Mt. C. Helmsen
Mt. C. Britannia
Mt. C. Albert
Mt. C. Beaumont
Mt. C. Gleerup
Mt. C. Larsen
Mt. C. Peary
Mt. C. Jessen
Mt. C. Bryan
Mt. C. Ellison
Mt. C. Markham
Mt. C. Richardson
Mt. C. Hansen
Mt. C. Larsen
Mt. C. Rasmussen
Mt. C. Bjørnbo
Mt. C. Stampenborg
Mt. C. Kløvey
Mt. Keffeklubben Isl.
Mt. Bliss Bay
Mt. Cape J. P. Koch
Mt. Constable Bay
Mt. Navy Peary Peak
Mt. Mt. Benedict Mountains
Mt. Mt. Falkenhorst
Mt. Mt. Sylfaesbennerrines
Mt. Mt. Hansborough Gl.
Mt. Mt. Thomsen Fj.
Mt. Mt. Jessen
Mt. Mt. Hansen
Mt. Mt. Hanne Isl.
Mt. Mt. Wilczek Fj.
Mt. Mt. Hunde Fj.
Mt. Mt. Hall Basin
Mt. Mt. Kane Basin
Mt. Mt. Kennedy Channel
Mt. Mt. Kane Sea
Mt. Mt. Erlandsen Ld
Mt. Mt. Melville Ld
Mt. Mt. Heilprin Ld
Mt. Mt. Chr. Erichsen Ice Cap
Mt. Mt. Storm Ice Cap
Mt. Mt. Rafns Sø
Mt. Mt. Adam Bay
Mt. Mt. Marie Sophie Gl.
Mt. Mt. Holger Kiær Nunatak
Mt. Mt. Nansen Nunataks
Mt. Mt. Röhling Land
Mt. Mt. Daugaard-Jensen Land
Mt. Mt. Geer Land
Mt. Mt. C. H. Ostenfeld Gl.
Mt. Mt. Hansen Land
Mt. Mt. Ulfs Land
Mt. Mt. Academy Land
Mt. Mt. Academy Gl.
Mt. Mt. I. C. CHRISTENSEN LD
Mt. Mt. MYLIUS ERICHSEN LD
Mt. Mt. INDEPEDENCE FJ.
Mt. Mt. Hagen Fjord
Mt. Mt. VALDEMAR GLUCKSTADT LD
Mt. Mt. DANMARK FJORD
Mt. Mt. F J.
Mt. Mt. Mudderbay
Mt. Mt. C. København
Mt. Mt. C. Ellen Rasmussen
Mt. Mt. Hankinhorn Strand
Mt. Mt. Kjøvesletten
Mt. Mt. C. Vaarbrud
Mt. Mt. C. Caroline Marie
Mt. Mt. C. Rigsdagen
Mt. Mt. C. Kronborg
Mt. Mt. Dundersteddal
Mt. Mt. C. Renaissance
Mt. Mt. Pinseskæret
Mt. Mt. C. Viborg
Mt. Mt. Jyske Ås
Mt. Mt. Sjællandsstenen
Mt. Mt. Ulvebakkerne
Mt. Mt. Mylius Erichsens summer camp 1907

50° 45° 40° 35° 30° 25° 20°
83° 82° 81°

10 0 50 100 km


52°
48°
44°
40°
36°
32°
28°
24°
20°
30'
83°
82°
81°
2400
2200
2300
2100
1950
2250
2200
FLYVEEKSPEDITIONEN TIL PEARY LAND 1938
Leader and cartographer: LAUGE KOCH
(Partly compiled from maps of the Bicentenary Jubilee Expedition)
10 0 50 100 km

PHYSIOGRAPHICAL MAP OF PEARY-LAND

(NORTHERNMOST GREENLAND)

1938

MEDD. OM GRØNL. BD. 130, Nr. 1 [LAUGE KOCH]



Topography by Walter Blumer

Printed in Switzerland by Kümmerly & Frey, Berne


32°
28°
24°
20°
16°
12°
30'
82°
81°
80°
79°
summer-camp
MYLIUS-ERICHSEN 1907
G. Thostrup & Wegener retournerer
Bistrup & Ring retournerer
DANMARK EKSPEDITIONEN 1906–08
Leader: L. MYLIUS-ERICHSEN
Cartographers: J. P. KOCH, N. P. HØEG-HAGEN,
GUSTAV THOSTRUP, H. BISTRUP
10 0 50 100 km


32°
28°
24°
20°
16°
12°
30'
82°
81°
80°
79°
St. VI
St. V
St. IV
27/5
22/5
18/5
13/5
9/5
8/5
7/5
3/5
1-2/5
4-6/5
Depot
10/6
6/6
20/6-8/7
15/7-5/8
15/8
ALABAMA-EKSPEDITIONEN 1909–12
Leader and cartographer: EJNAR MIKKELSEN
0
10 0 50 100 km

TREAARSEKSPEDITIONEN 1931–34 (1933)

Leader and cartographer: LAUGE KOCH

Incorporated with the surveys of earlier expeditions

32° 28° 24° 20° 16° 12°

30' 82° 30' 81° 30' 80° 30' 79°

Prinsesse Margrethe ö

Flade Isblink

LAND

Grenen

Rømer sö

CHRISTIAN

Kap Gustav Rasmussen

Kap Georg Cohn

KRONPRINS

Skallingen

Blaasö

Kap Bernhoft

Kap Steglich-Petersen

28° 24° 20° 16°

10 0 50 km

CarlAllersEtabl.A/S.Kbhvn.Valby

TREAARSEKSPEDITIONEN 1931–34 (1933)

Leader and cartographer: LAUGE KOCH

Incorporated with the surveys of earlier expeditions

PEARY LAND
Kap Clarence Wyckoff
Kap Henry Parish
Herlufsholms Strand
Kap Eiler Rasmussen
Mudderbay
Kap København
Kjovesletten
Kap Vaarbrud
Melville Ld.
Grylden
Hvelsletten
Koralkysten
Kap Harald Moltke
Kap Knud Rasmussen
Diabasnæs
Kap Stadil
Kap Bøgebjærg
Ubberup Ld
Asiaqvas B.
High Lee Bræen
Josephine Gl.
Ms. Falkefjæld
Koralkalk R.
Graptolit R.
Kap Caroline Marie
INDEPENDENCE FJORD
Kap Grundloven
Kap Peter Henrik
Kap Ludovika
Kap Rigsdagen
Kap Bernhard
J.C. CRISTENSENS LD.
Hagens Fjord
Slutstenen
Himmelbjærget
Jydske Aas
GLÜCKSTADT LD.
Prins Frederiks Öer
Kap Kronborg
Kap Ringkøbing
Gundersteddal
DANMARKS FJORD
MYLIUS-ERICHSENS LD.
VALDEMAR
Ulvebakkerne
Kap Renaissance
Pinseskæret
Zig-Zag Dal
Sjællands Sletten
Hjertefjeldsdalen
Alexandrine Bjergene
Fynske Alper
Kap Viborg
Kap Gustav Rasmussen
Kap Holbæk
Sjællands Fjældene
Amdrups Højland
Fyens Sö
Leffingwell's Nunatak
Kap Georg Cohn
KONG FREDERIK VIII's LAND
KRONPRINS CHRISTIAN LAND
Skallingen
Blaasö
Kap Bernhoft
Kap Steglich-Petersen
Romer sö
Grenen
Flade Isblink
Nordostrundingen
Antarctic Bugt
Sophus Müllers Næs
Henrik Kröyers Holme
Amdrups Ld.
Kap Jungersen
Ingolfs Fjord
Eskimonæsset
Holms Ld.
Fædrestrand
Mallemukfjeldet
Hekla Sund
Lynn Ö
Dijmphna Sund
Kap Povl
Kap H N. Andersen
Hovgaards Ö
Kap Adolf Jensen
Kap Anna Bistrup
Bagatellerne
NIOGHALVFJERDS-FJORDEN
Lamberts Ld.
Brönlunds Grav
Norske Öer
Kap Drygalski
ZACHARIAES ISSTRÖM
Prinsesse Thyras Ö
Prinsesse Margrethe Ö
Prinsesse Dagmars Ö
Nakkehoved
Erik S. Henius Ld.

32° 28° 24° 20° 16° 12°
30' 81° 82° 79°
10 0 50 km

CarlAllersEtabl.A/S.Kbhvn.Valby

THE GEOGRAPHICAL JOURNAL, 1903.

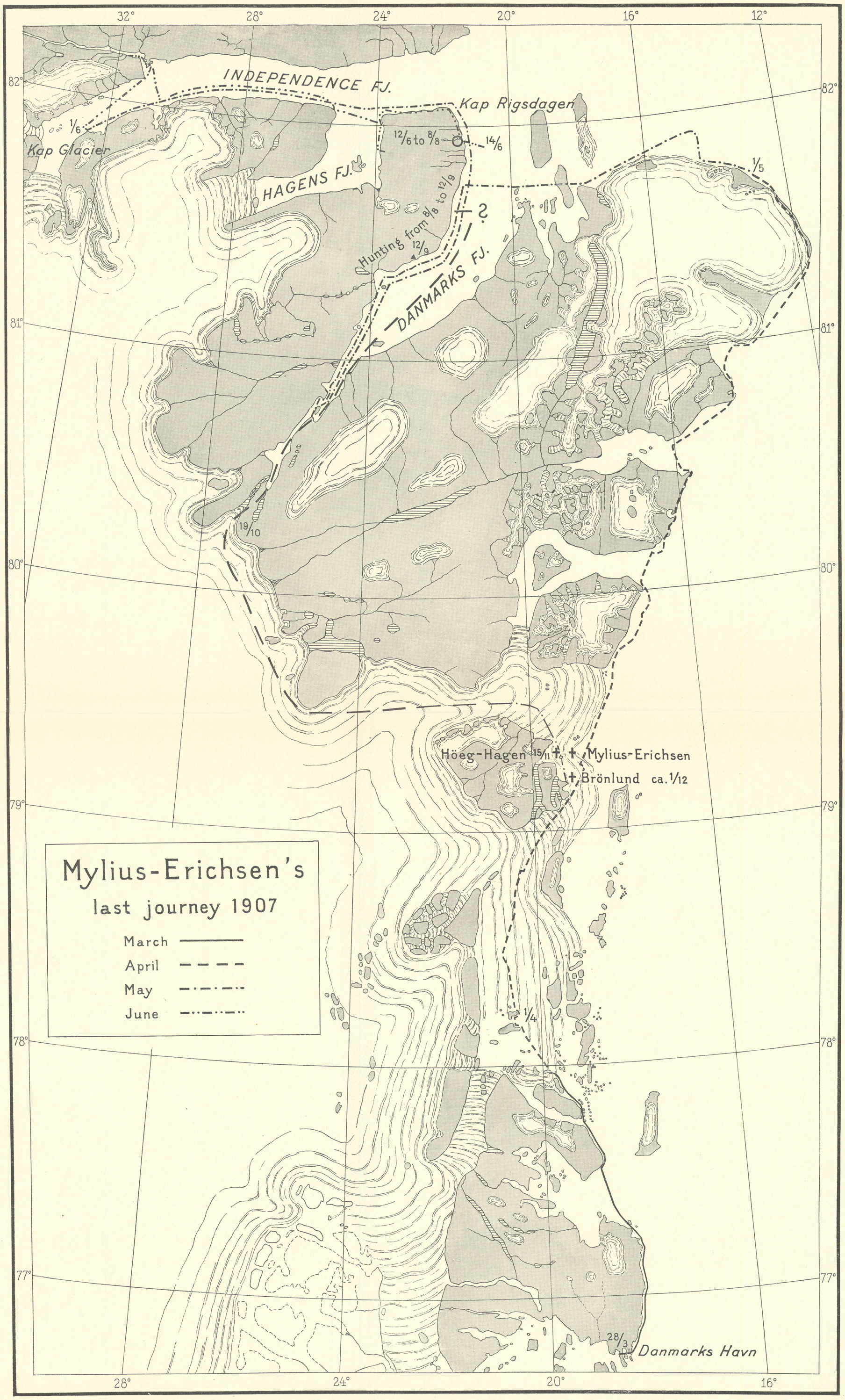
SKETCH MAP
to illustrate the
NORTH POLAR EXPLORATIONS
OF
COMMANDER R E PEARY, U S N
Under the auspices of the Peary Arctic Club

Scale of Miles
0 50 100 150
Nat. Scale 1: 5,000,000 or 78·9 stat. miles to 1 inch.

Surveys of New Coast Line
Resurveys of Coast Line 1898 to 1902
Routes 1898 to 1902
Routes on Inland Ice
+ Supply Caches

Bulletin of the American Geographical Society, December, 1903

POLAR REGIONS
BAFFIN BAY TO LINCOLN SEA
Illustrating the Explorations of
CIVIL ENGINEER, R. E. PEARY, U.S.N.
Incorporated with the earlier surveys.
SOUNDINGS IN FATHOMS. HEIGHTS IN FEET.
Based on the Chart of the Hydrographic Office,
Published at Washington, D.C., Oct. 1903.
NATURAL SCALE 1 : 3,168,000
SCALE OF MILES
0 25 50 75 100 125 150
Routes 1898 to 1902
Routes on Inland Ice
+ Supply Caches


32°
28°
24°
20°
16°
12°
82°
81°
80°
79°
78°
77°
INDEPENDENCE FJ.
Kap Rigsdagen
1/6
Kap Glacier
12/6 to 8/8
14/6
1/5
HAGENS FJ.
Hunting from 8/8 to 12/9
12/9
?
DANMARKS FJ.
19/10
Höeg-Hagen 15/11 †
† Mylius-Erichsen
† Brönlund ca. 1/12
1/4
28/3
Danmarks Havn
Mylius-Erichsen's
last journey 1907
March
April
May
June

MAP OF EAST GREENLAND

(68°-76° n. lat.)

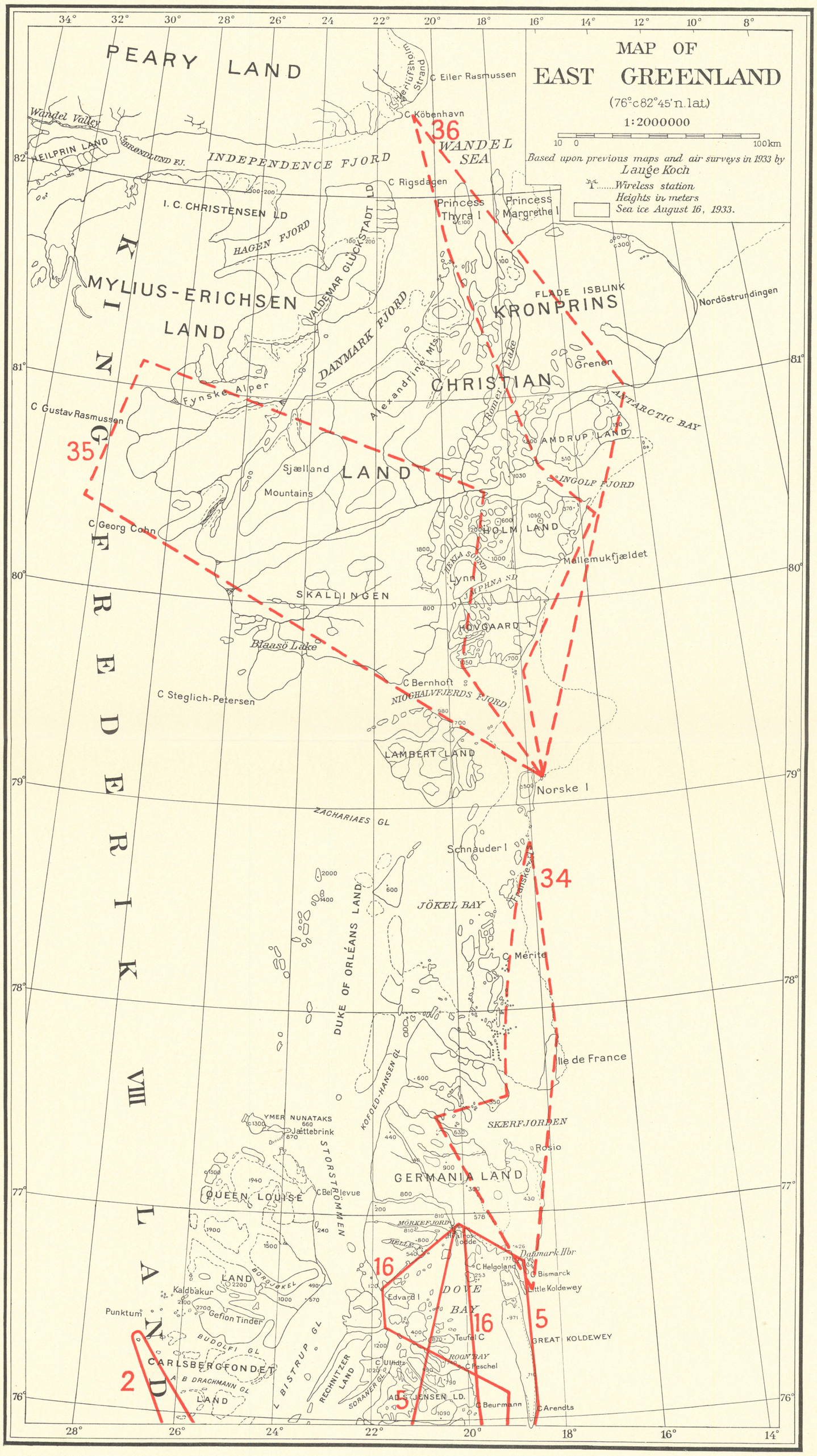
Wireless station
Colony
Eskimo settlement
Heights in meters
Air routes

1:2000000

10 0 100km

Based upon previous maps and air surveys in 1932 and 1933 by Lauge Koch

Air routes — 1932 — 1933


MAP OF
EAST GREENLAND
(76°c82°45'n.lat.)
1:2000000
10 0 100km
Based upon previous maps and air surveys in 1933 by Lauge Koch
Wireless station
Heights in meters
Sea ice August 16, 1933.
PEARY LAND
Wandel Valley
HEILPRIN LAND
BRØNDLUND FJ.
INDEPENDENCE FJORD
C Eiler Rasmussen
Sherard Osborn Strand
C København
WANDEL SEA
C Rigsdagen
Princess Thyra I
Princess Margrethe I
I. C. CHRISTENSEN LD
HAGEN FJORD
KING CHRISTIAN LAND
MYLIUS-ERICHSEN LAND
VALDEMAR GLÜCKSTADT
DANMARK FJORD
FLADE ISBLINK
KRONPRINS
Nordöstrundingen
Alexandrine Mts.
Romer Lake
Grenen
CHRISTIAN
ANTARCTIC BAY
Fynske Alper
C Gustav Rasmussen
AMDRUP LAND
INGOLF FJORD
Sjælland Mountains
LAND
C Georg Cohn
HOLM LAND
Mellemukfjældet
HEKLA SOUND
Lynn I
ALPHNA SD
SKALLINGEN
HOVGAARD I
Blaasö Lake
C Bernhoft
C Steglich-Petersen
NIOGHALVFJERDS FJORD
LAMBERT LAND
Norske I
ZACHARIAES GL
Schnauder I
JÖKEL BAY
DUKE OF ORLÉANS LAND
C Mérite
KOFOED-HANSEN GL
Ile de France
SKÆRFJORDEN
Rosio
GERMANIA LAND
YMER NUNATAKS
Jættebrink
STORSTRØMMEN
QUEEN LOUISE
C Bel Revue
MÖRKEFJORD
Hvalrosodde
Danmark Hbr
C Helgoland
C Bismarck
Little Koldewey
DOVE BAY
Edvard I
Teufel C
GREAT KOLDEWEY
ROON BAY
C Reschel
C Ulrich
ADS JENSEN LD.
C Beurmann
C Arendts
TAVN LAND
Kaldbakur
Punktum
Geflon Tinder
BORGBJERG
BUDOLFI GL
CARLSBERGFONDET
A B DRACHMANN GL
L BISTRUP GL
RECHNITZER LAND
SORAMER GL
34
35
36
16
16
5
5
2
Air routes
1923
1933

FLYVEEKSPEDITIONEN TIL PEARY LAND 1938

Leader and cartographer: LAUGE KOCH

Open water
Clouds
Pack-ice
Haze

PEARY LAND
Independence Fjord
Wandels Hav
Danmarks Fjord
Nakkehoved
Mallemukfjeldet
Danske Ø
Kings Bay
SPITS-BERGEN
Prins Karls Forland

15' May 1938
16' May 1938
10' May 1938

2100 1950 1200 1200 2200 2000 2000 1850 1250 800 1090 770 1700 1250 1400 750 1080 1050 920 800 1280 800 730 780 750 730 770 700

20° 15° 10° 5° 0° 5° 10°

82° 81° 80° 79°