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*HAMMOND'S
BUSINESS ATLAS
of
ECONOMIC GEOGRAPHY*

William J. Miller



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HAMMOND'S
BUSINESS ATLAS
of
ECONOMIC GEOGRAPHY

A New Series of Maps Showing:

Relief of the Land

Temperature

Rainfall

Ocean Currents

Natural Vegetation

Productive and Non-Productive Regions

Mineral Products

Agricultural Products

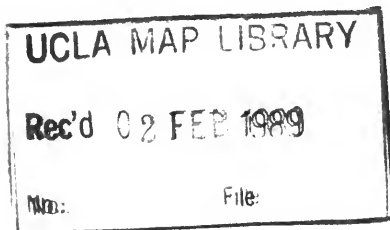
Distribution of Population, Etc., Etc.

New York

C. S. HAMMOND & COMPANY, Inc.

Engravers - Printers - Publishers

Hammond's Business Atlas of Economic Geography
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WESTERN HEMISPHERE

EXPLANATION OF COLORS

	19,685 ft. 6000 meters
	13,123 " 4000 "
	6,561 " 2000 "
	3,280 " 1000 "
	656 " 200 "
	0 ABOVE SEA LEVEL
	0 BELOW SEA LEVEL
	656 " 200 "
	6,561 " 2000 "
	13,123 " 4000 "
	19,685 " 6000 "
	26,246 " 8000 "



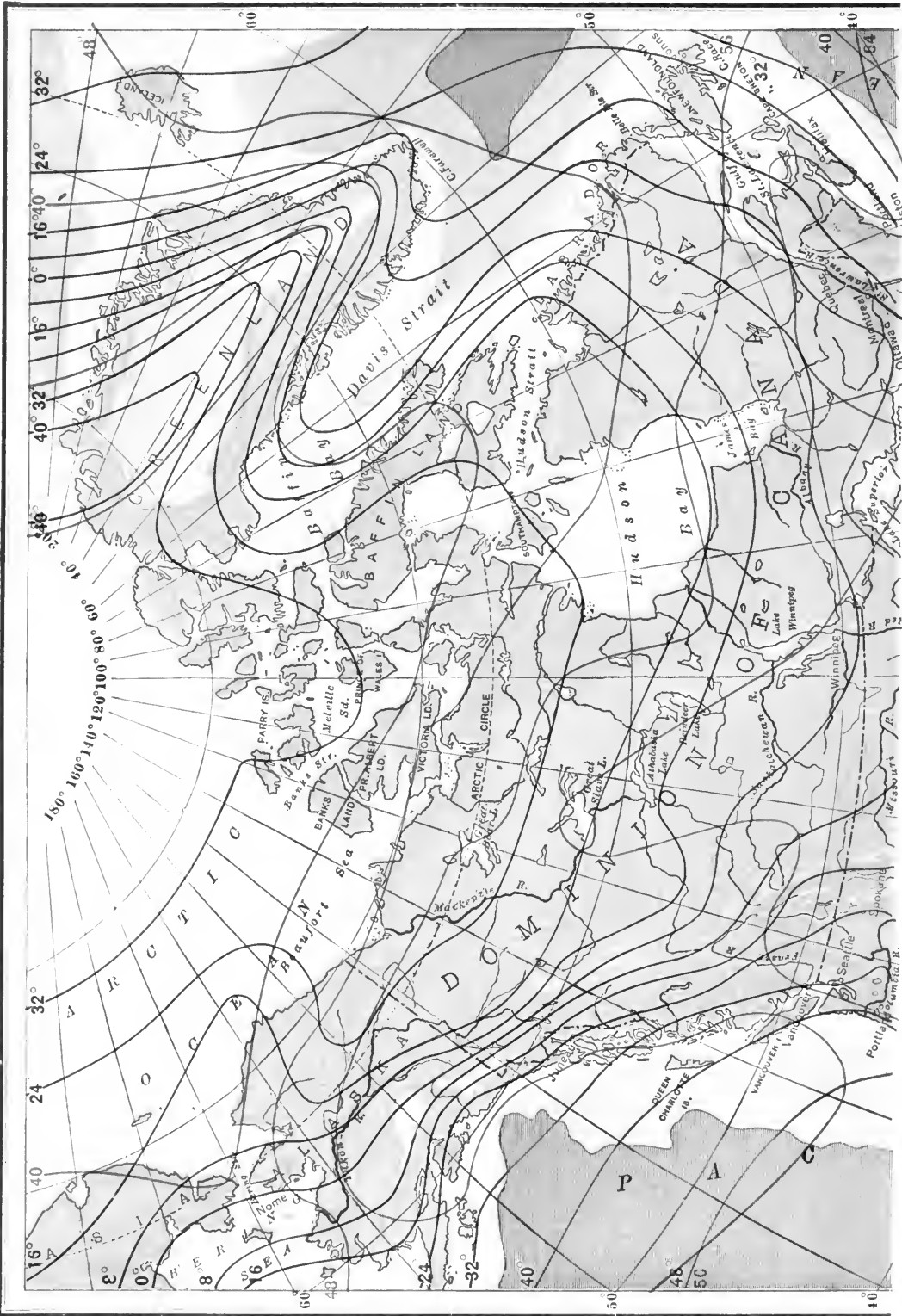
EASTERN HEMISPHERE

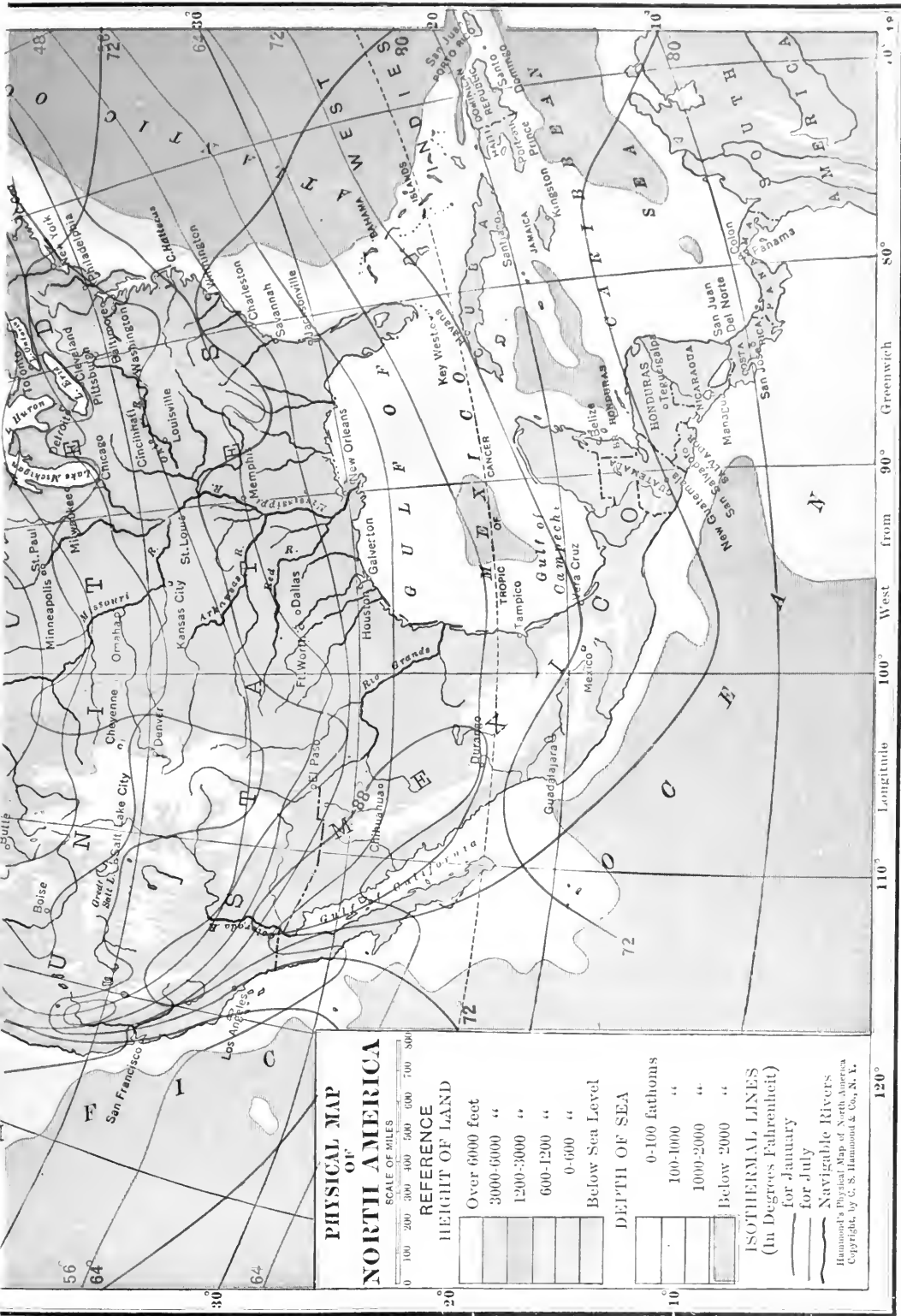
EXPLANATION OF COLORS

	19,685 ft. 6000 meters
	13,123 " 4000 "
	6,561 " 2000 "
	3,280 " 1000 "
	656 " 200 "
	0 ABOVE SEA LEVEL
	0 BELOW SEA LEVEL
	656 " 200 "
	6,561 " 2000 "
	13,123 " 4000 "
	19,685 " 6000 "
	26,246 " 8000 "



C. S. HAMMOND & CO., N. Y.

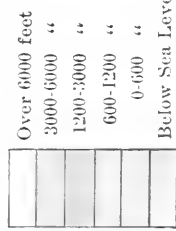




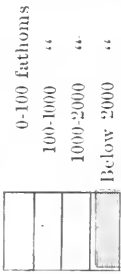
**PHYSICAL MAP
OF
NORTH AMERICA**

SCALE OF MILES
0 100 200 300 400 500 600 700 800

**REFERENCE
HEIGHT OF LAND**



DEPTH OF SEA



**ISOTHERMAL LINES
(In Degrees Fahrenheit)**

for January
for July

NAVIGABLE RIVERS

Hammatt P. Silliman, Map of North America
Copyright, 1907, G. S. Hammond & Co., N. Y.

120°

110° Longitude

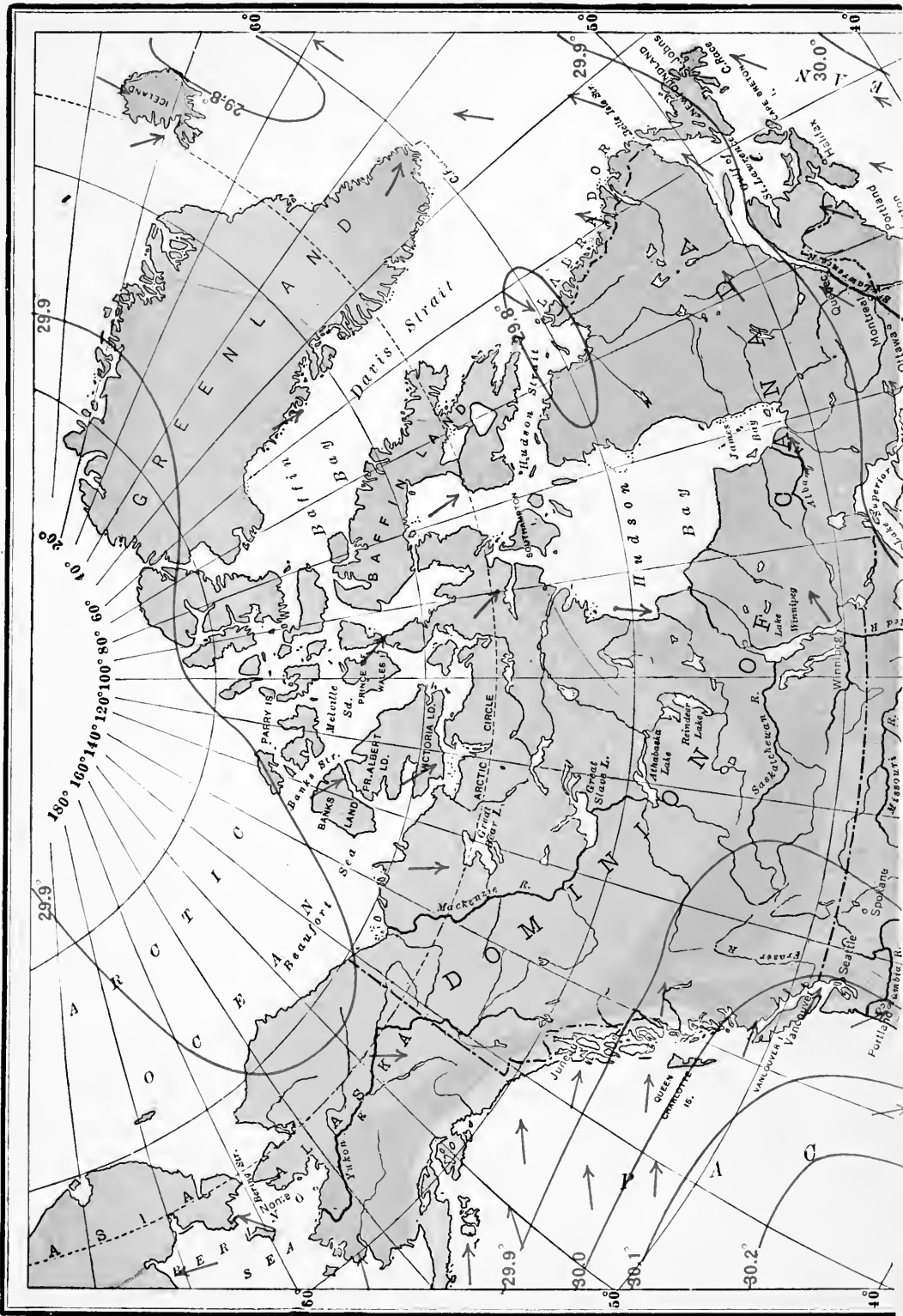
100° West

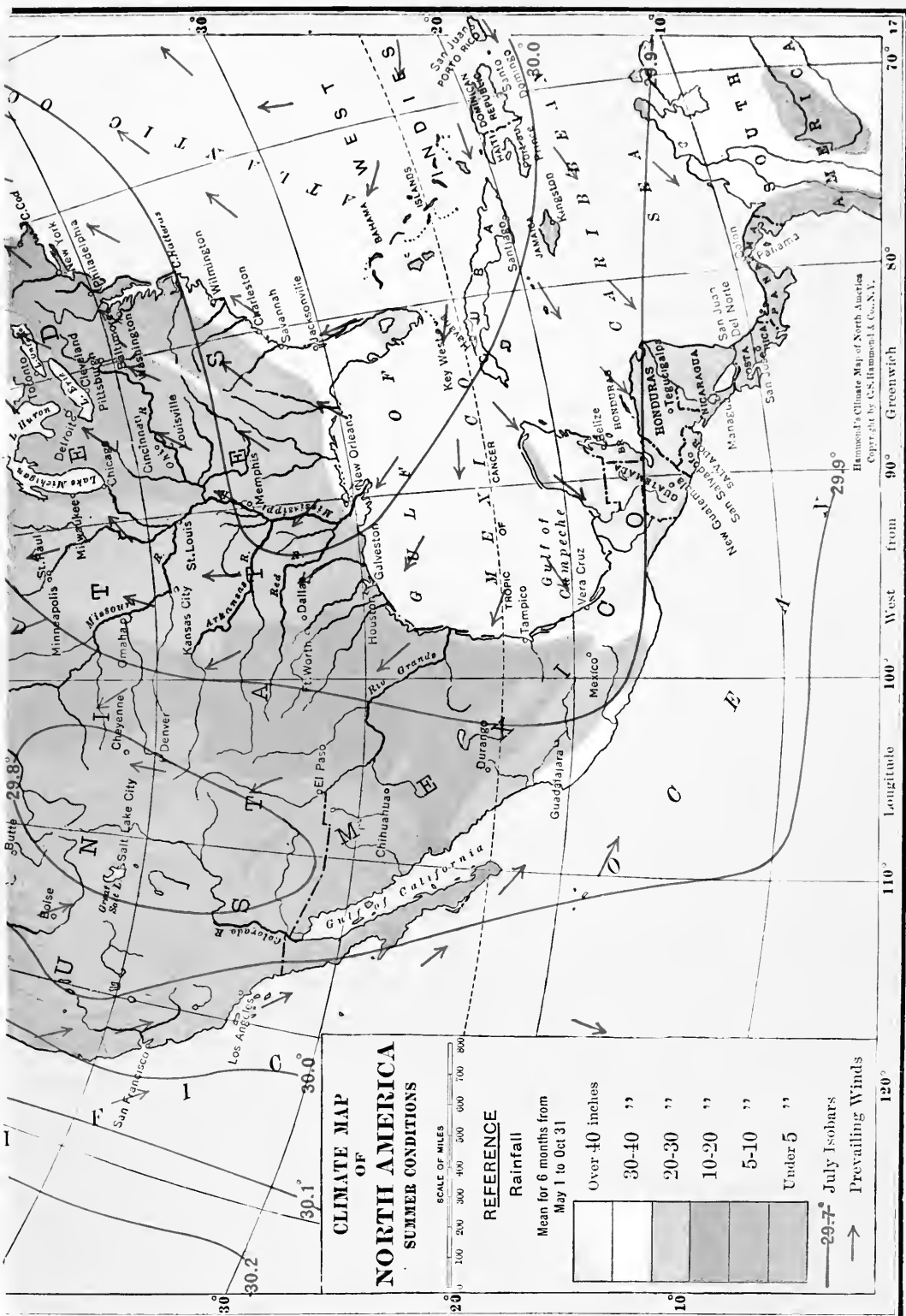
from 90°

Greenwich

80°

10°



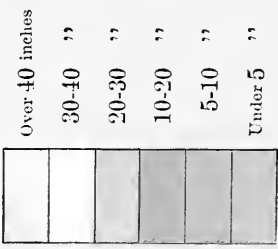


**CLIMATE MAP
OF
NORTH AMERICA
SUMMER CONDITIONS**



REFERENCE

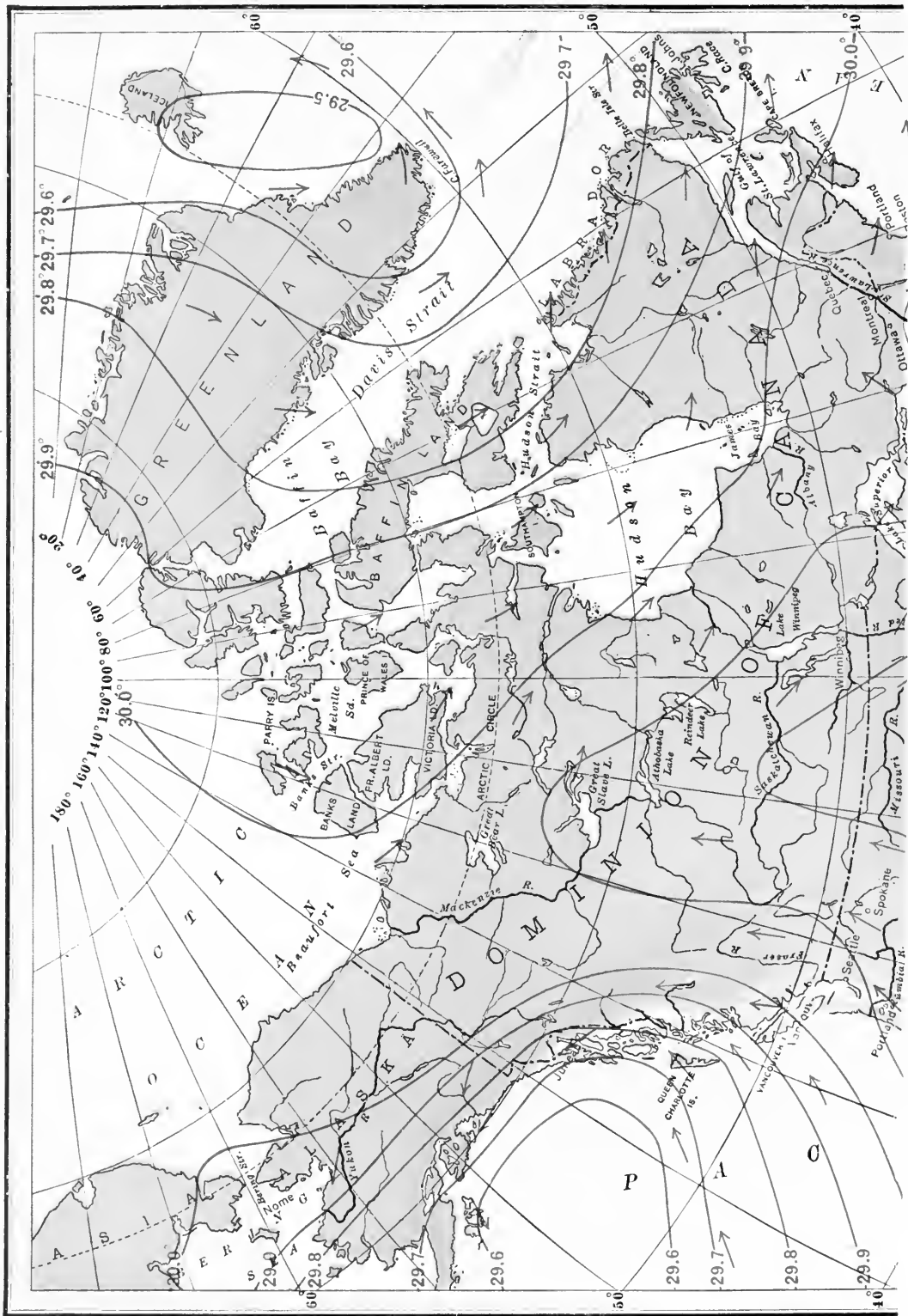
Rainfall
Mean for 6 months from
May 1 to Oct 31

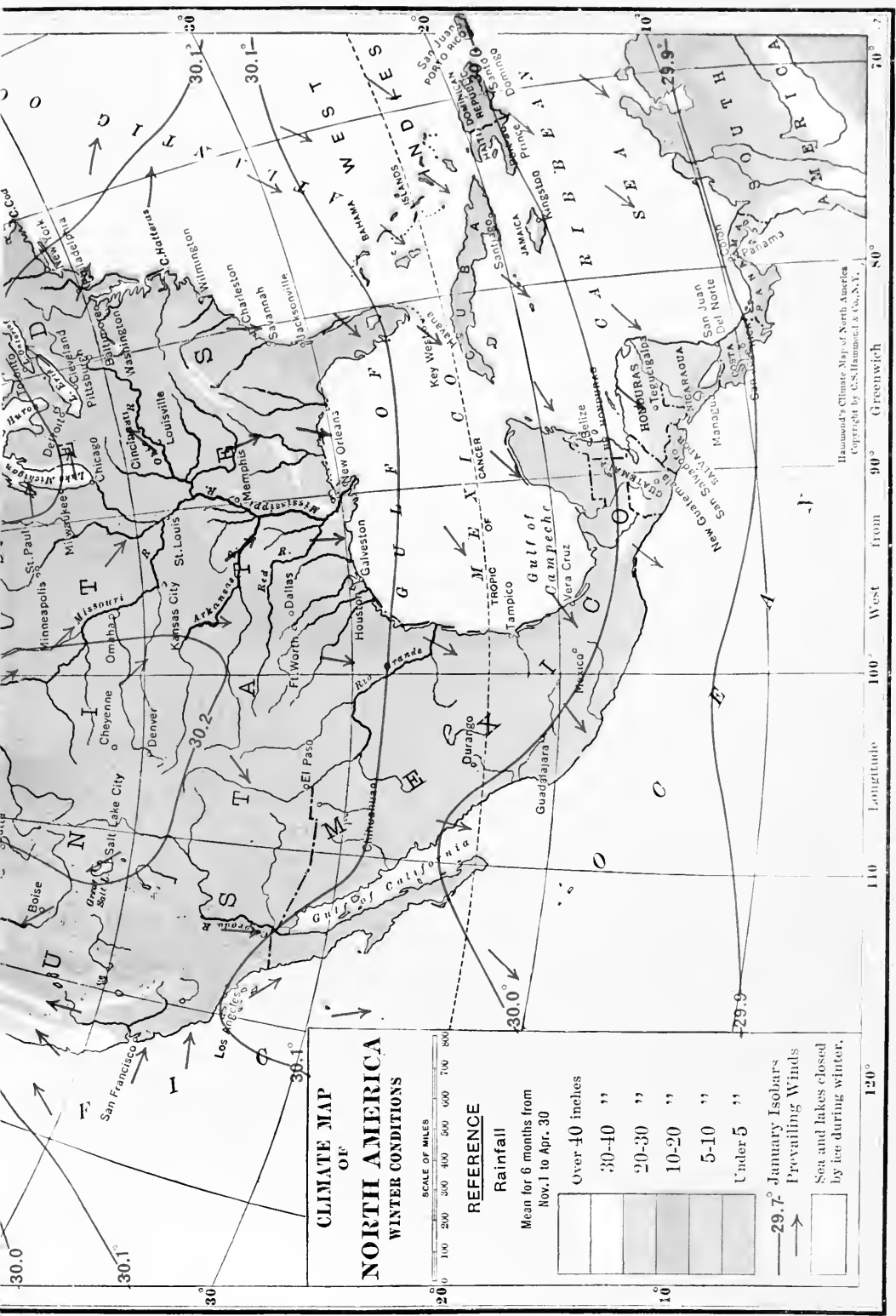


— 29.7° July Isobars
→ Prevailing Winds

Hammond's Climate Map of North America
Copyright by G.S. Hammond & Co., N.Y.

110° Longitude 100° West from 90° Greenwich 80° 70° 17





**CLIMATE MAP
OF
NORTH AMERICA
WINTER CONDITIONS**

SCALE OF MILES
0 100 200 300 400 500 600 700 800

REFERENCE

Rainfall

Mean for 6 months from
Nov. 1 to Apr. 30

	Over 40 inches
	30-40 "
	20-30 "
	10-20 "
	5-10 "
	Under 5 "

— 29.7° January Isotherms
→ Prevailing Winds

□ Sea and lakes closed
by ice during winter.

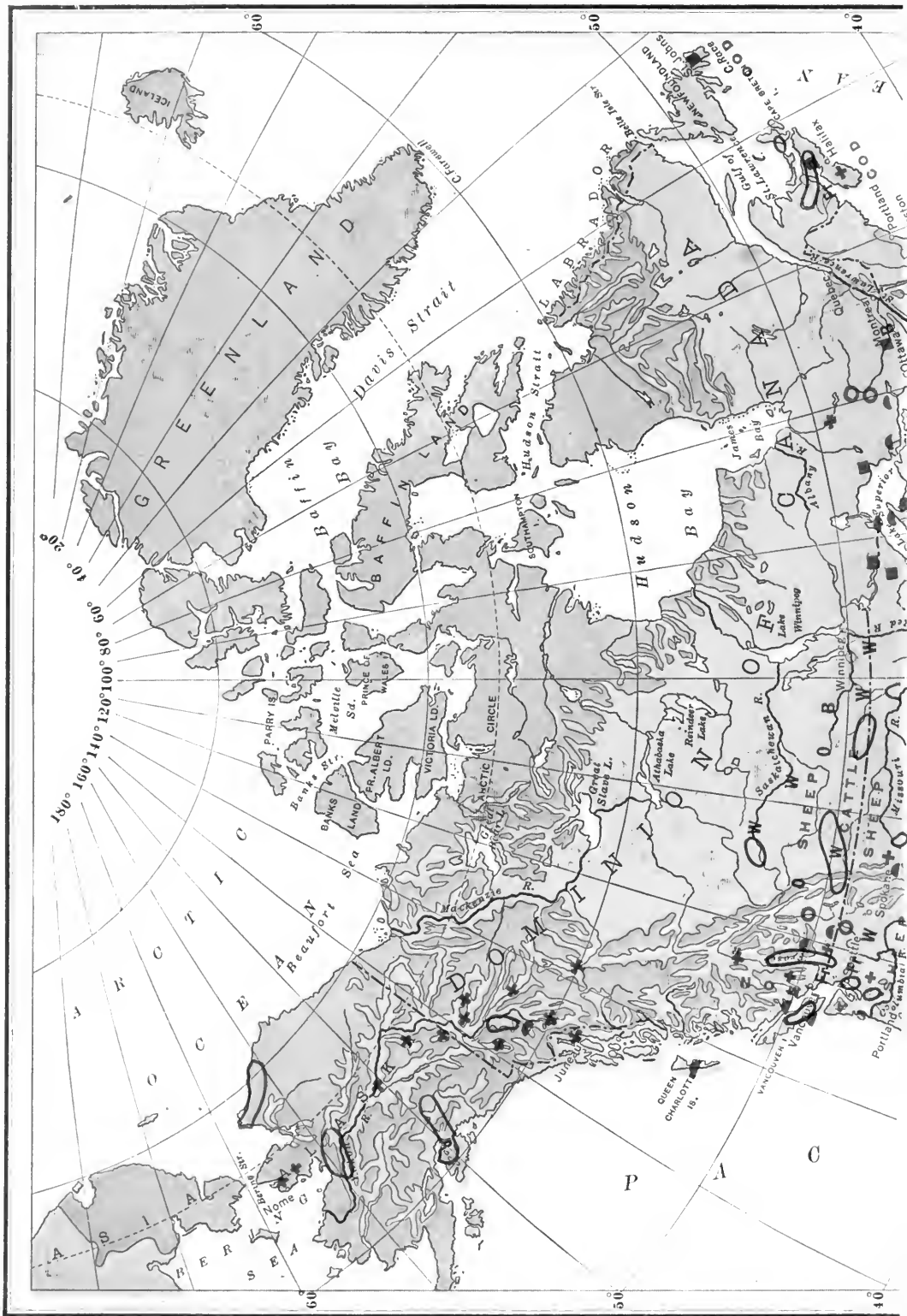
Hammond's Climate Map of North America
Copyright by C.S. Hammond & Co., N.Y.

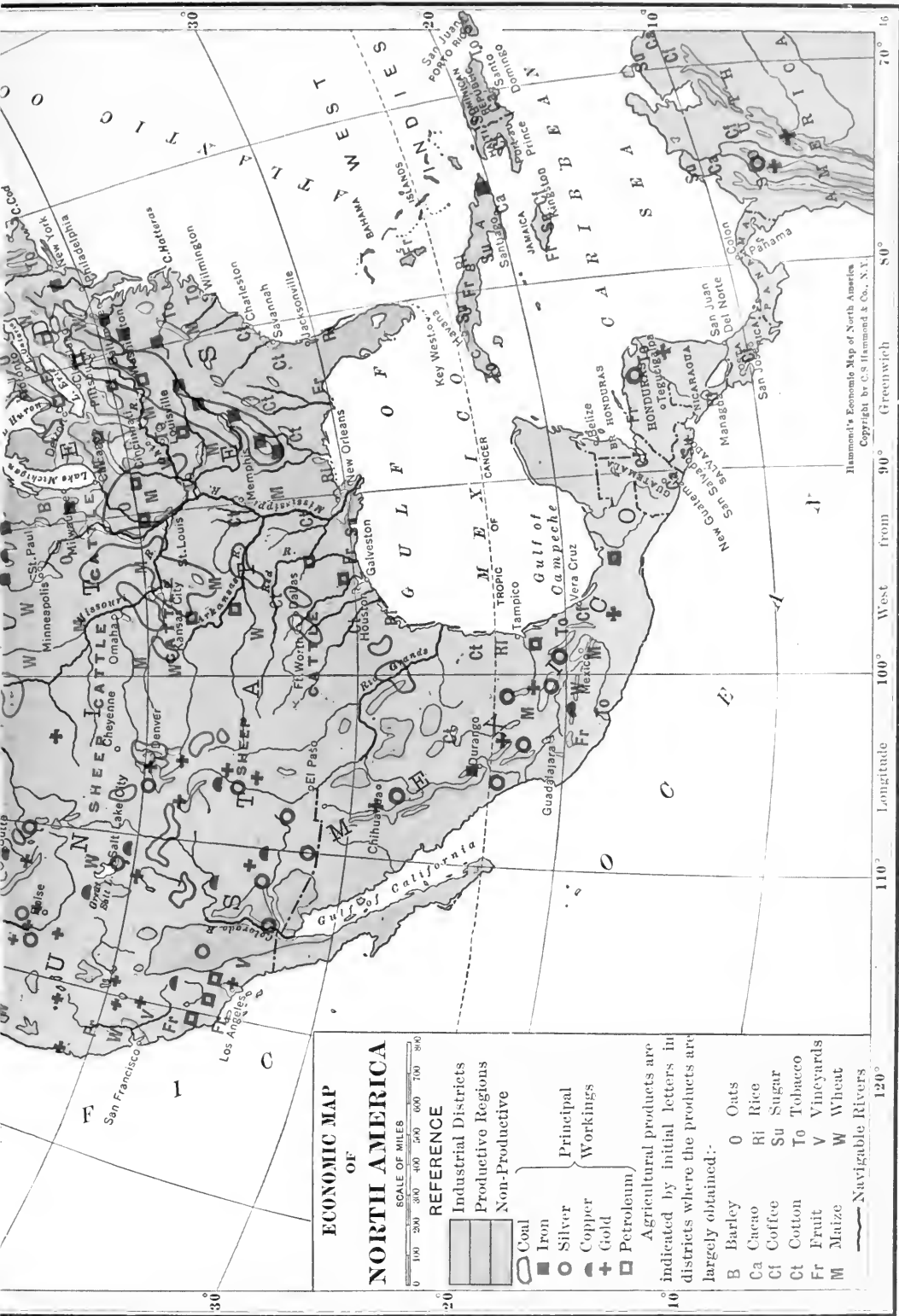
120° Longitude 100° West from 90° Greenwich 80°



Hemmesel's Vegetation Map of North America
Copyright by G.S. Hemmesel & Co., N.Y.

120° Longitude 110° West 100° from 90° Greenwich 80° 70° 16





ECONOMIC MAP OF NORTH AMERICA

SCALE OF MILES
 0 100 200 300 400 500 600 700 800

REFERENCE

- Industrial Districts
- Productive Regions
- Non-Productive
- Coal
- Iron
- Silver
- Copper
- Gold
- Petroleum
- Principal Workings

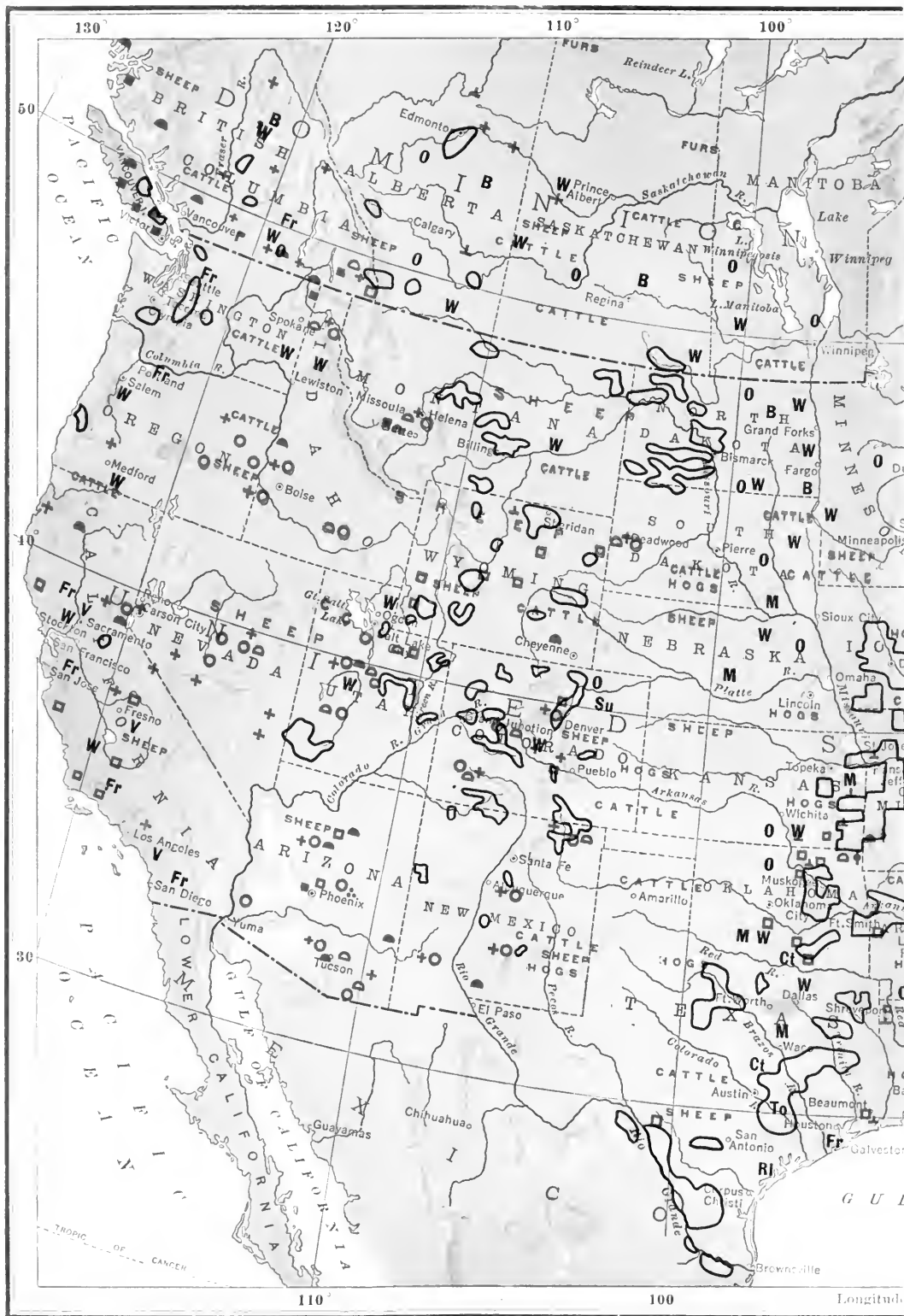
Agricultural products are indicated by initial letters in districts where the products are largely obtained:

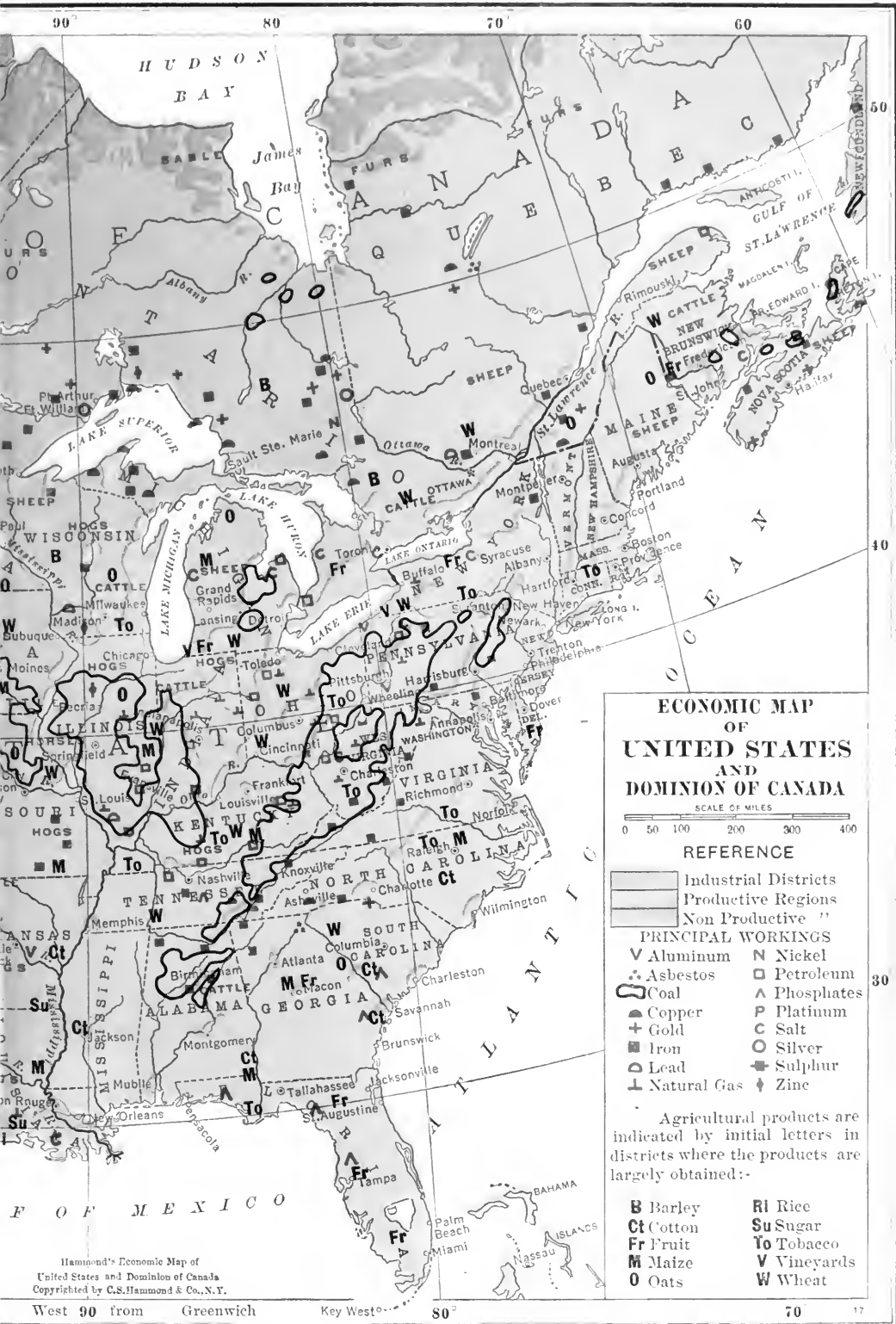
- B Barley
- Ca Cacao
- Cf Coffee
- Ct Cotton
- Fr Fruit
- M Maize
- O Oats
- Ri Rice
- Su Sugar
- To Tobacco
- V Vineyards
- W Wheat

— Navigable Rivers

Hammett's Economic Map of North America
 Copyright by C.S. Hammett & Co., N.Y.

110° Longitude 100° West from 90° 80° 70° 16
 120°





**ECONOMIC MAP
OF
UNITED STATES
AND
DOMINION OF CANADA**

SCALE OF MILES
0 50 100 200 300 400

REFERENCE

- Industrial Districts
- Productive Regions
- Non Productive "

PRINCIPAL WORKINGS

- ∇ Aluminum
- ∆ Asbestos
- ⊕ Coal
- ⊙ Copper
- ⊕ Gold
- Iron
- ⊕ Lead
- ⊕ Natural Gas
- Nickel
- ⊕ Petroleum
- ∧ Phosphates
- P Platinum
- C Salt
- Silver
- ⊕ Sulphur
- ⊕ Zinc

Agricultural products are indicated by initial letters in districts where the products are largely obtained:-










- B Barley
- Ct Cotton
- Fr Fruit
- M Maize
- O Oats
- Ri Rice
- Su Sugar
- To Tobacco
- V Vineyards
- W Wheat

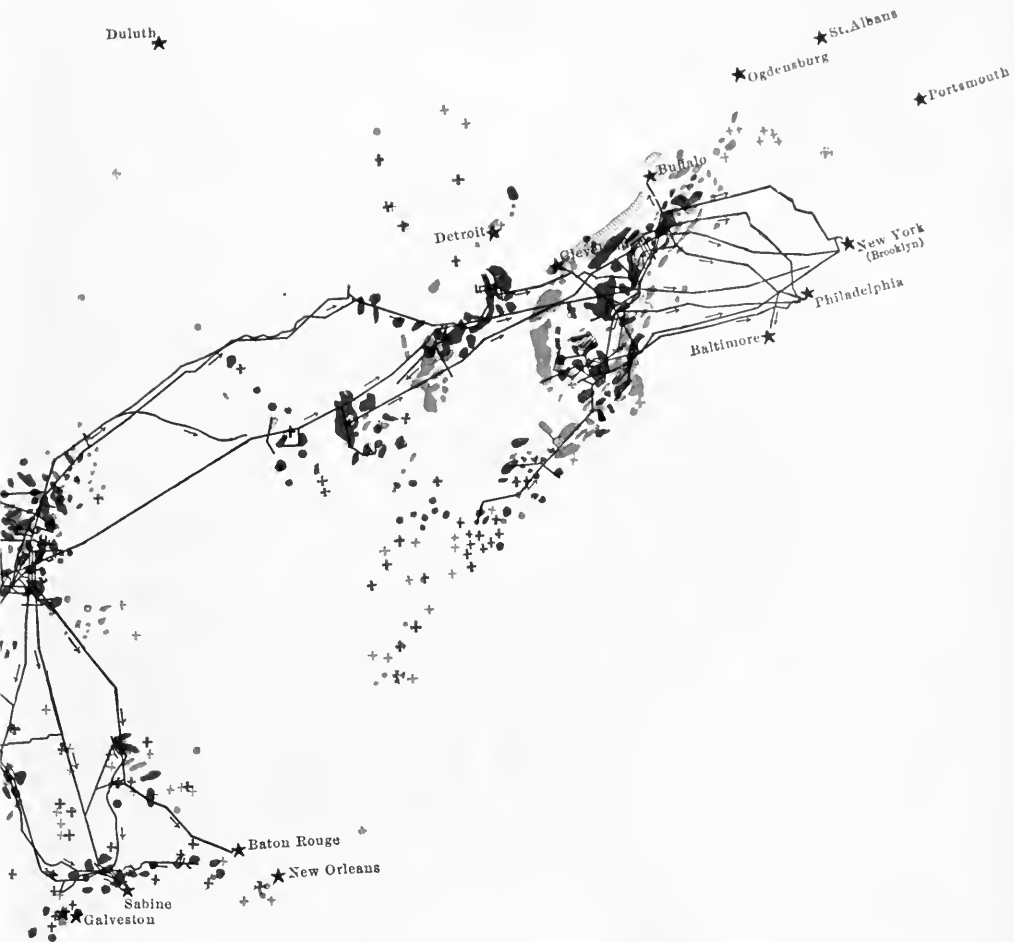
Hammond's Economic Map of United States and Dominion of Canada. Copyrighted by C.S. Hammond & Co., N.Y.



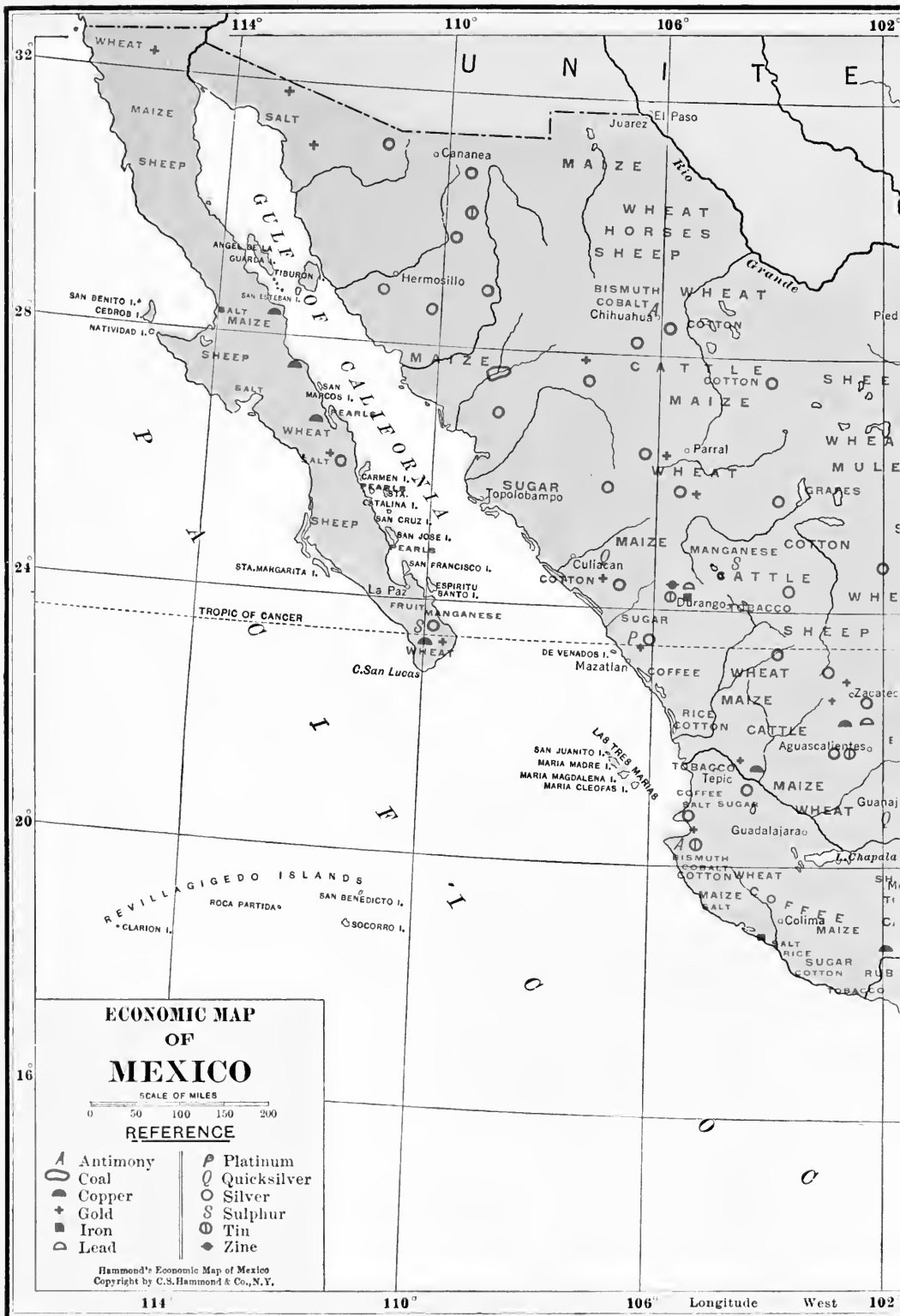
Hammond's 8 x 11 Map of U.S. Oil and Gas Areas,
 Copyright by C.S. Hammond & Co., N.Y.

LEGEND

- | | |
|--|---|
|  Oil areas |  Oil and gas field
(Oil predominant) |
|  Gas areas |  Gas and oil field
(Gas predominant) |
|  Scattered gas wells |  Trunk oil pipe lines |
|  Oil seep, or showing
in wells |  Points of export for crude
petroleum in 1916 |
|  Gas seep, or showing
in wells | |

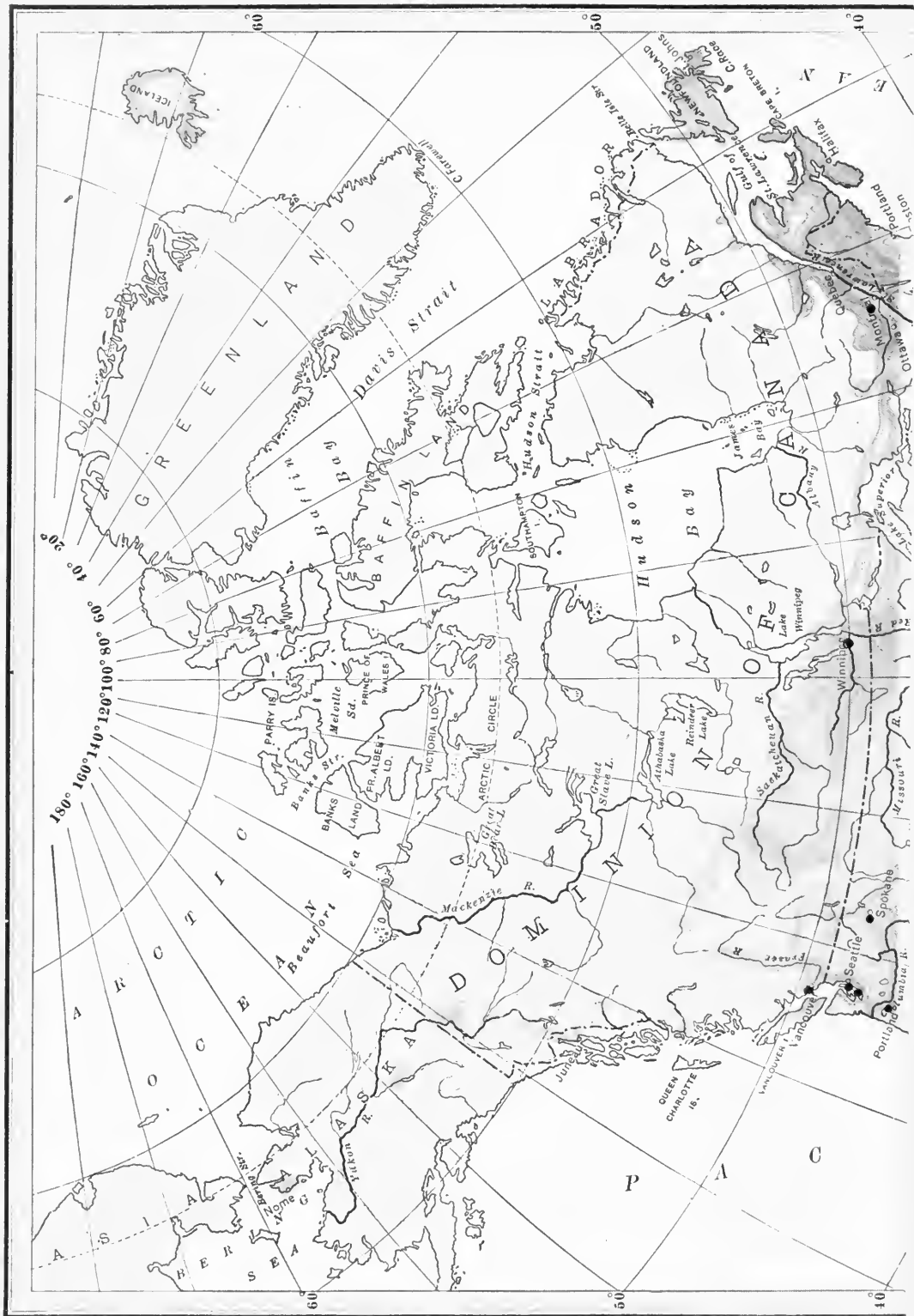


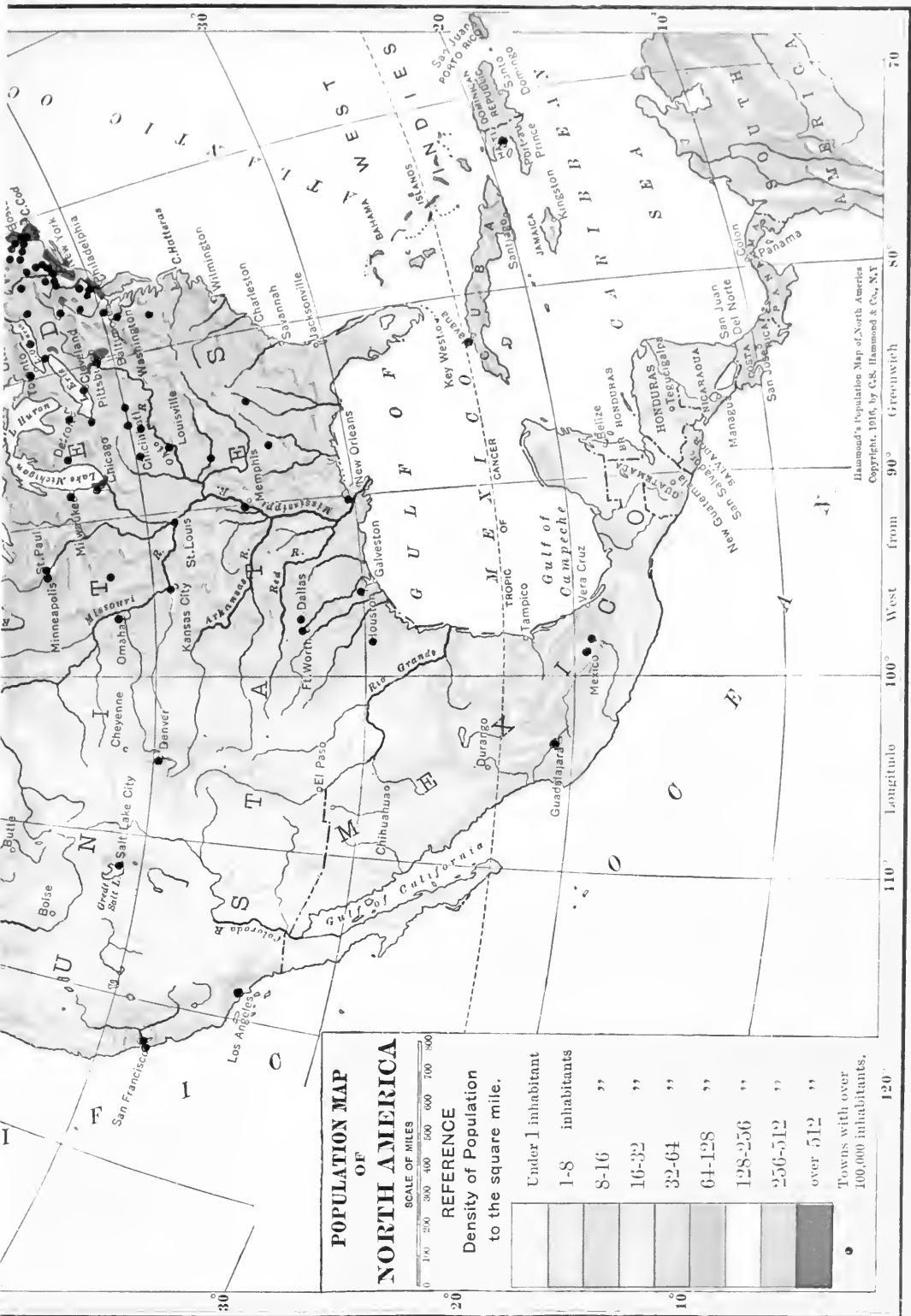
**MAP OF
UNITED STATES
showing
OIL AND GAS AREAS**



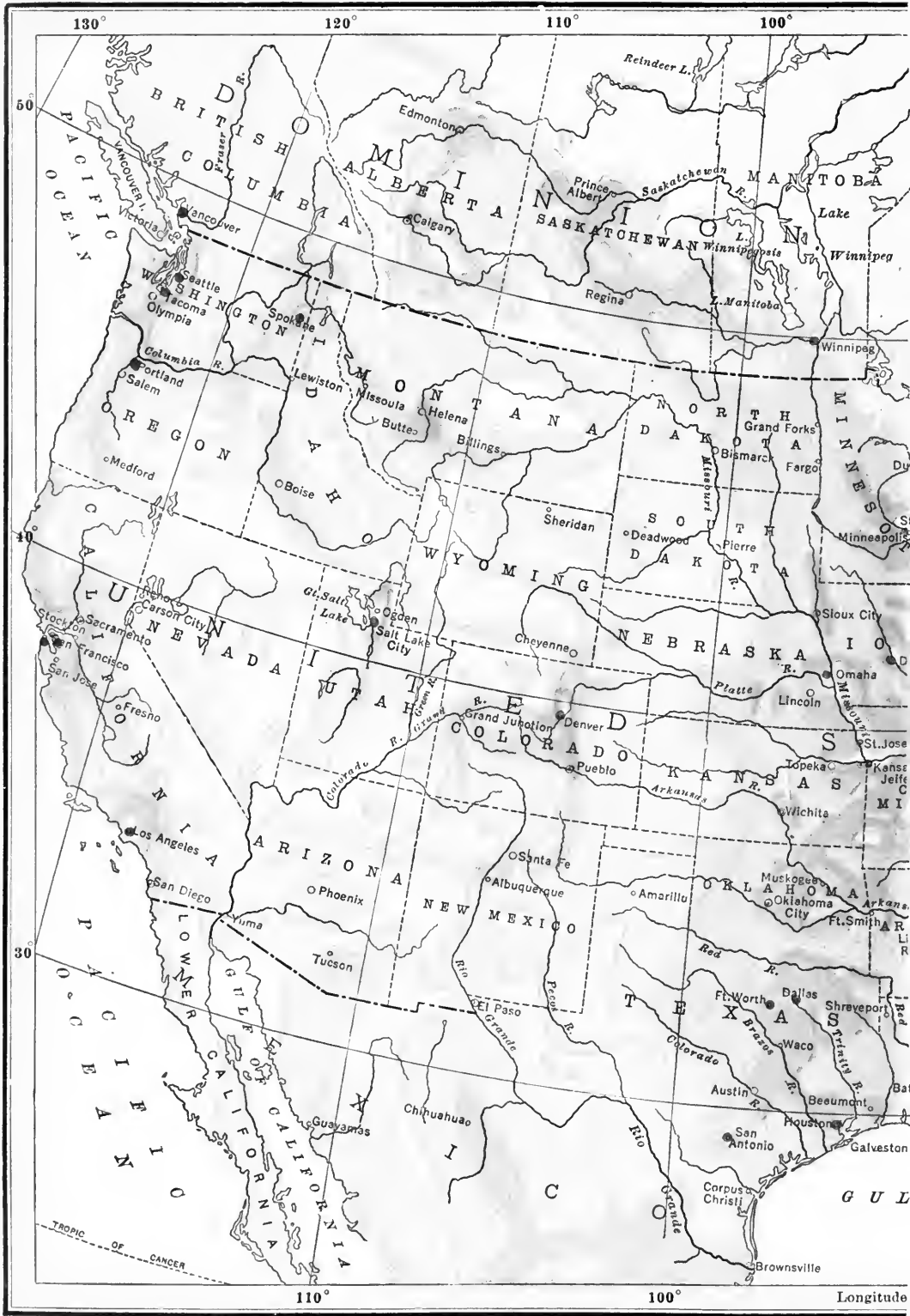


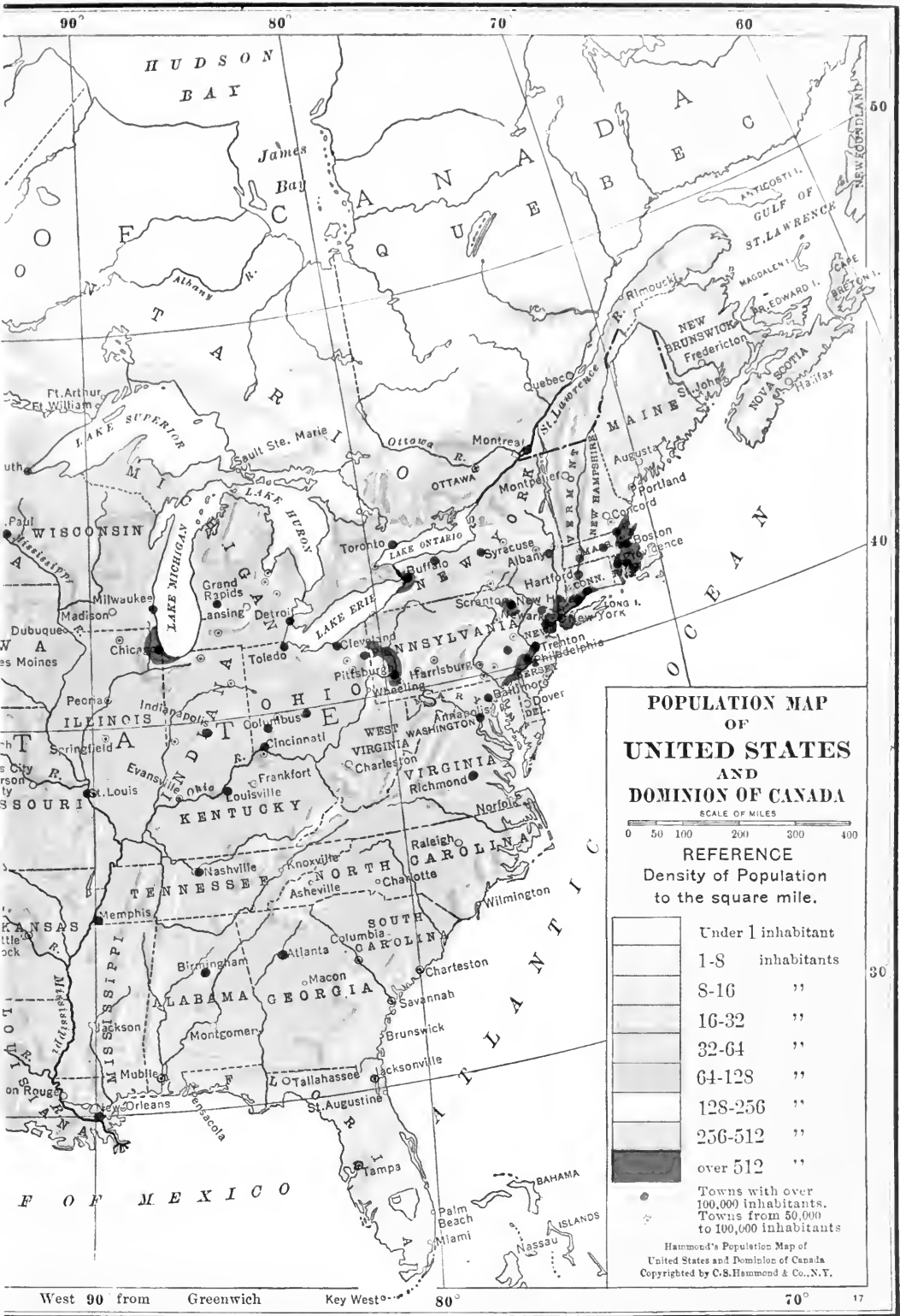




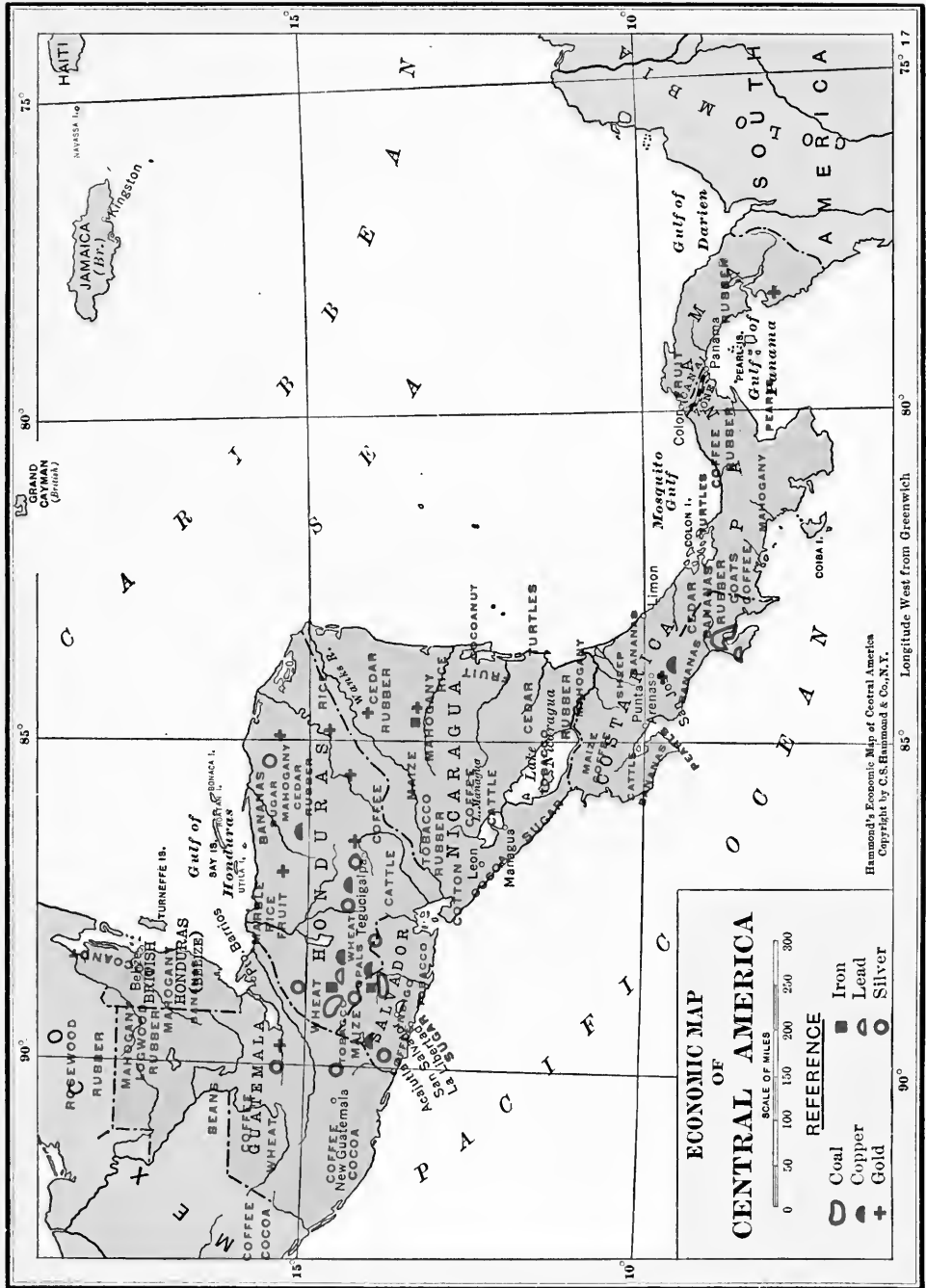


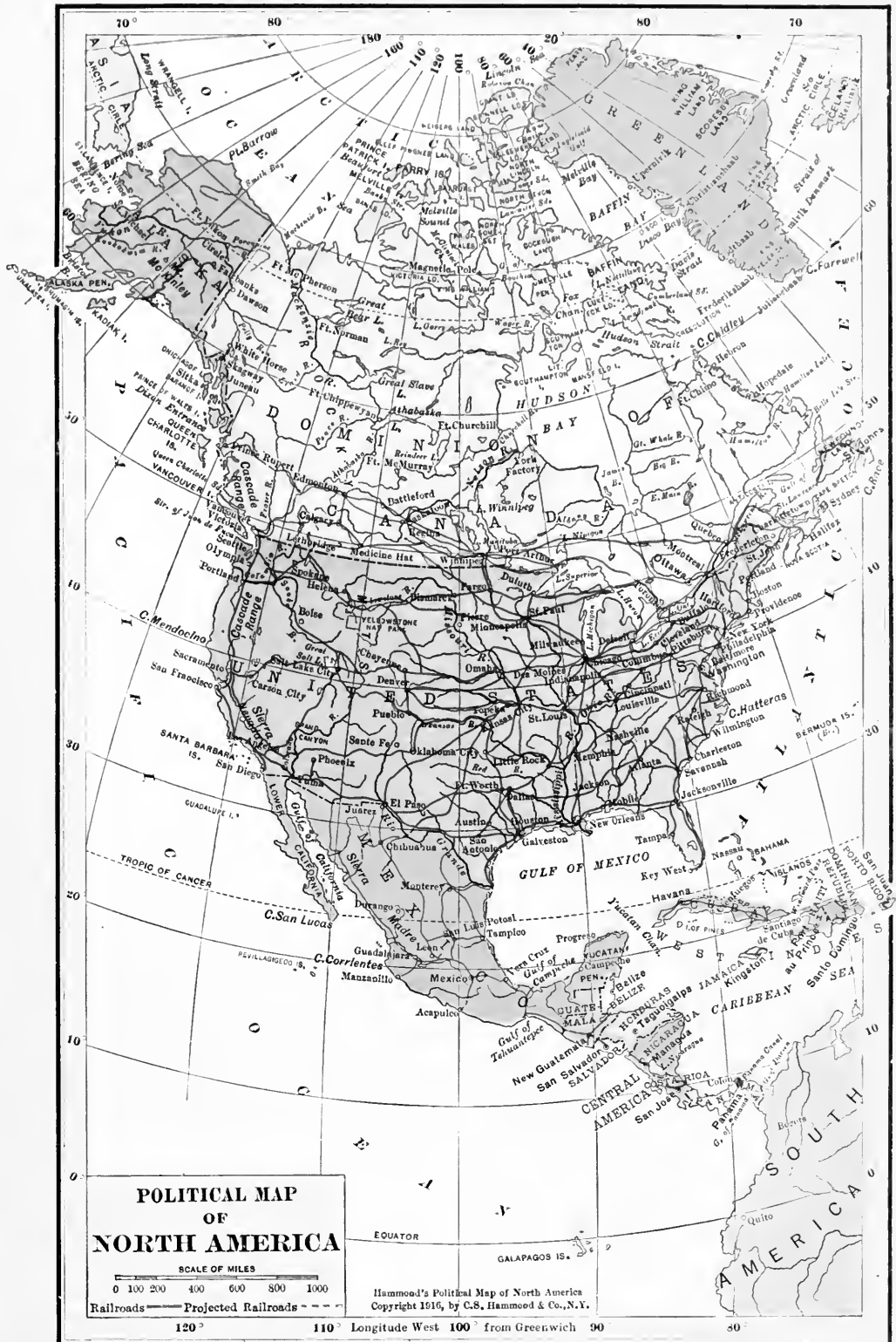
Hammag's Population Map of North America
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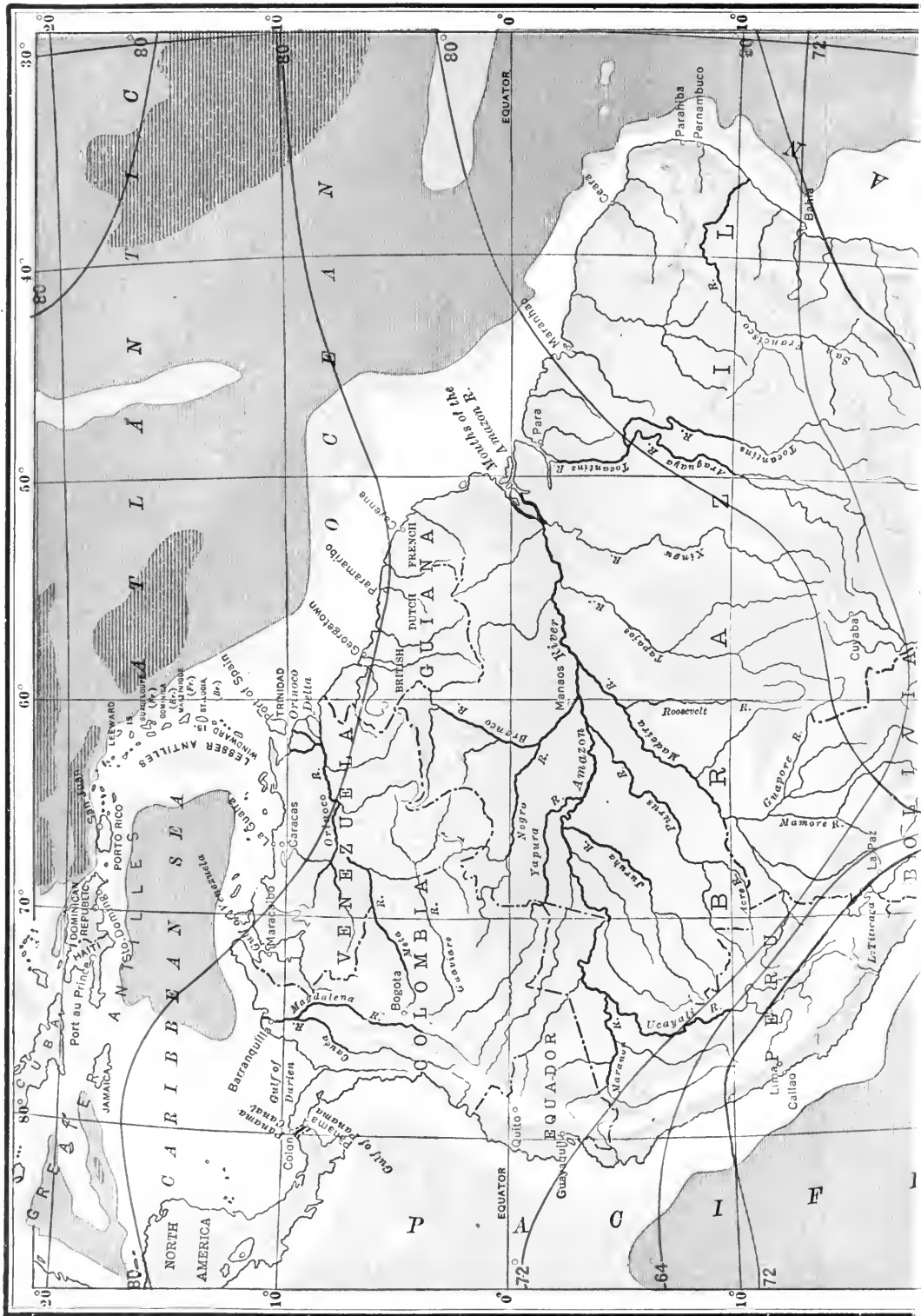


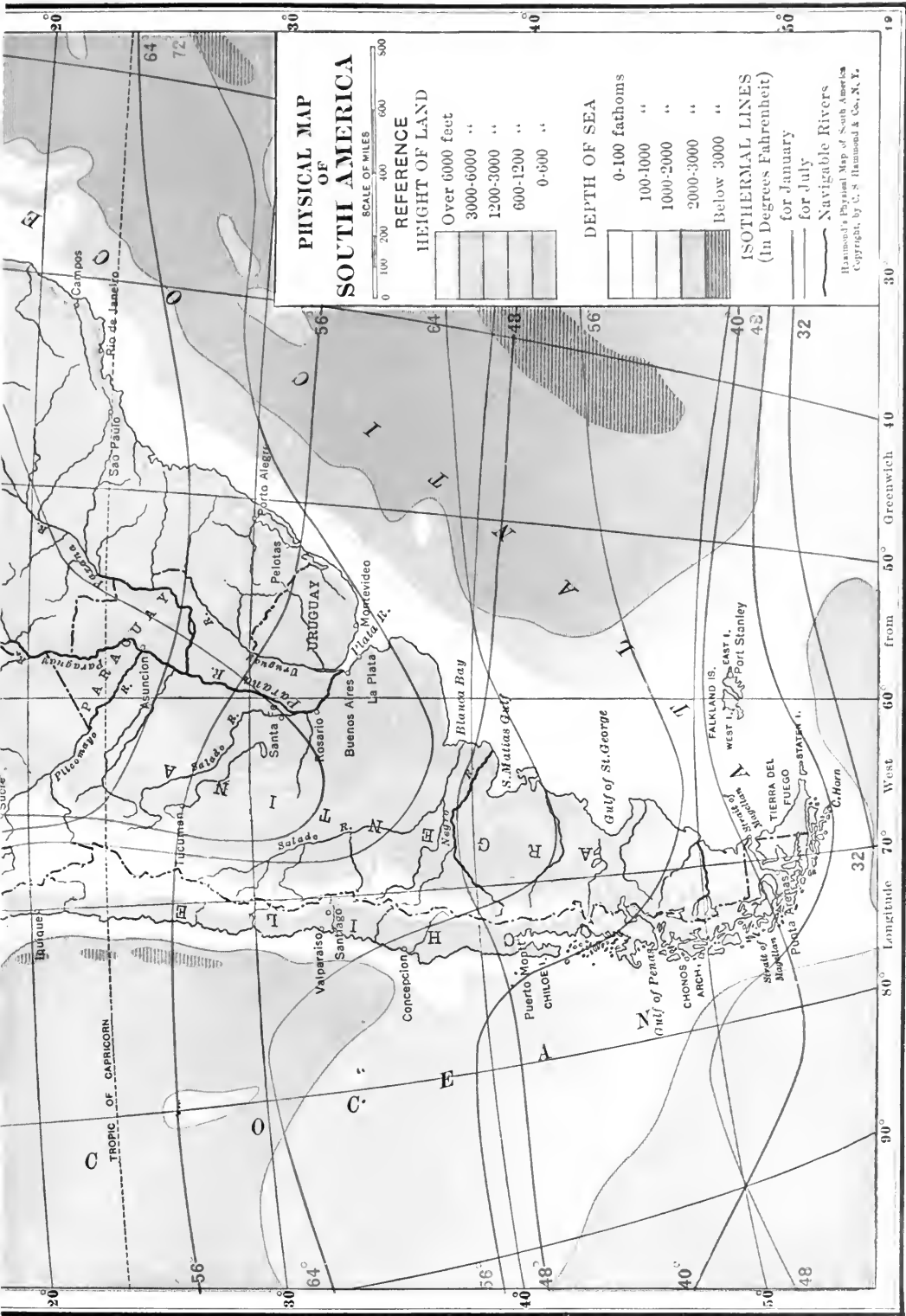


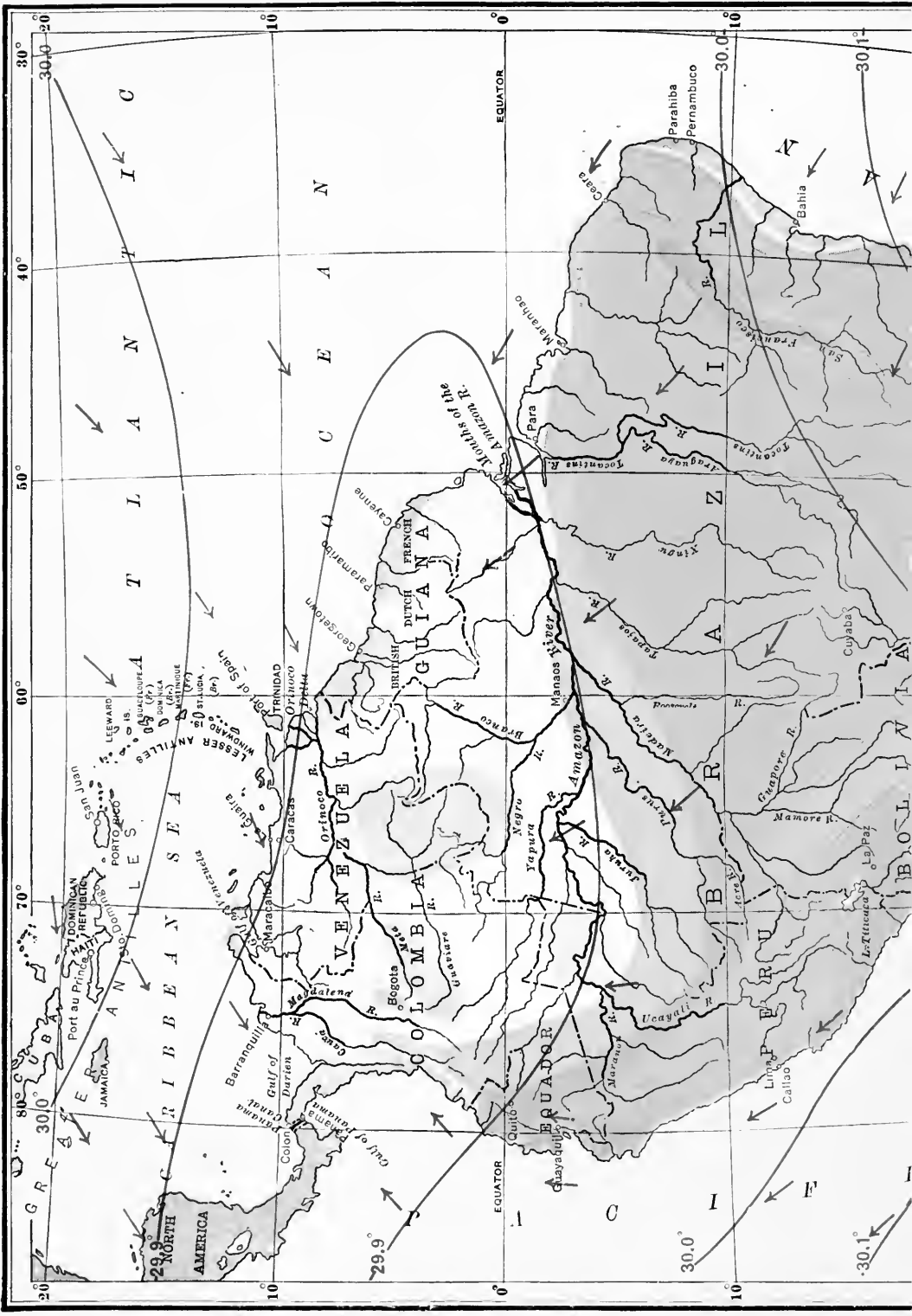
West 90 from Greenwich Key West 80° 70° 17

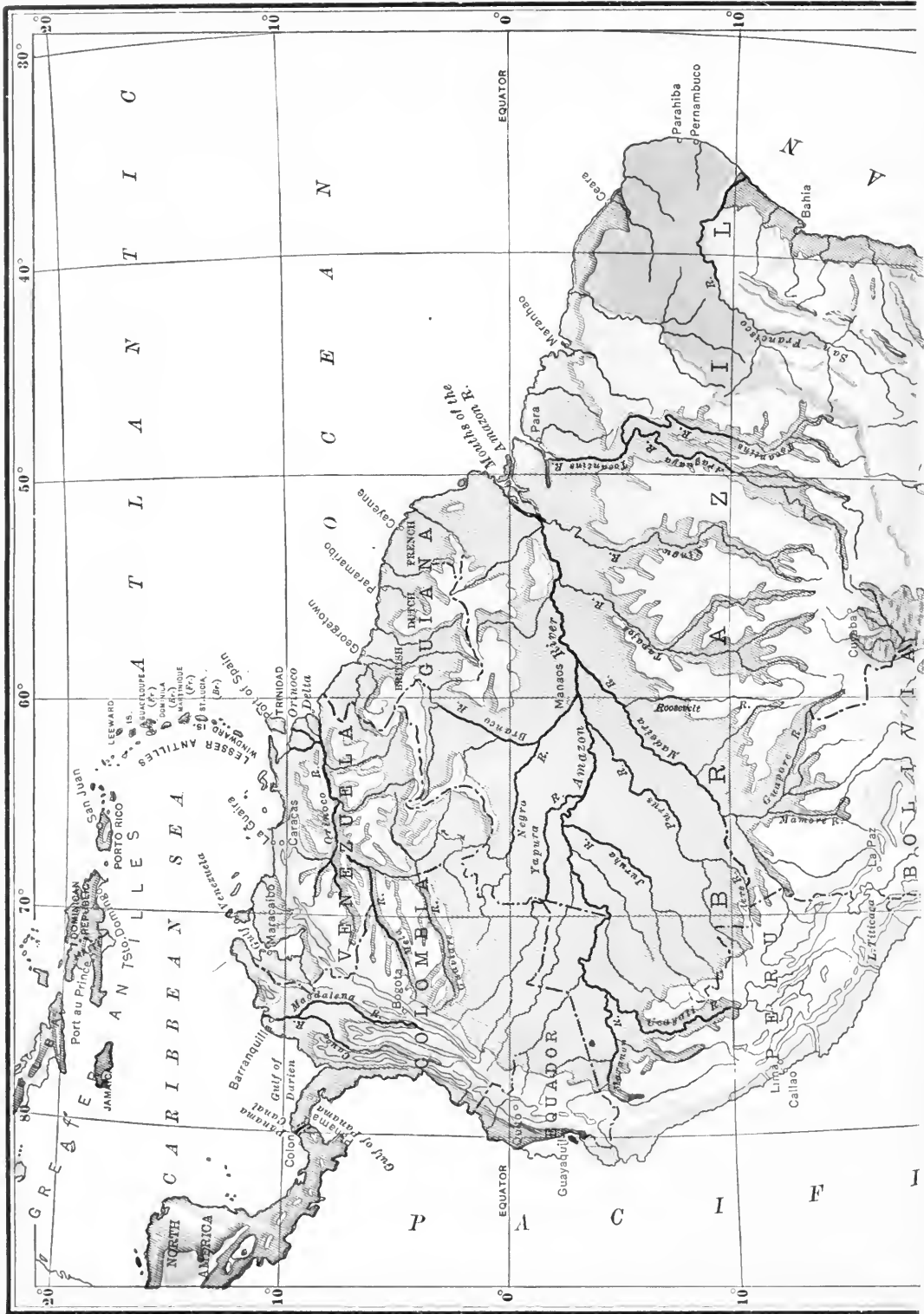


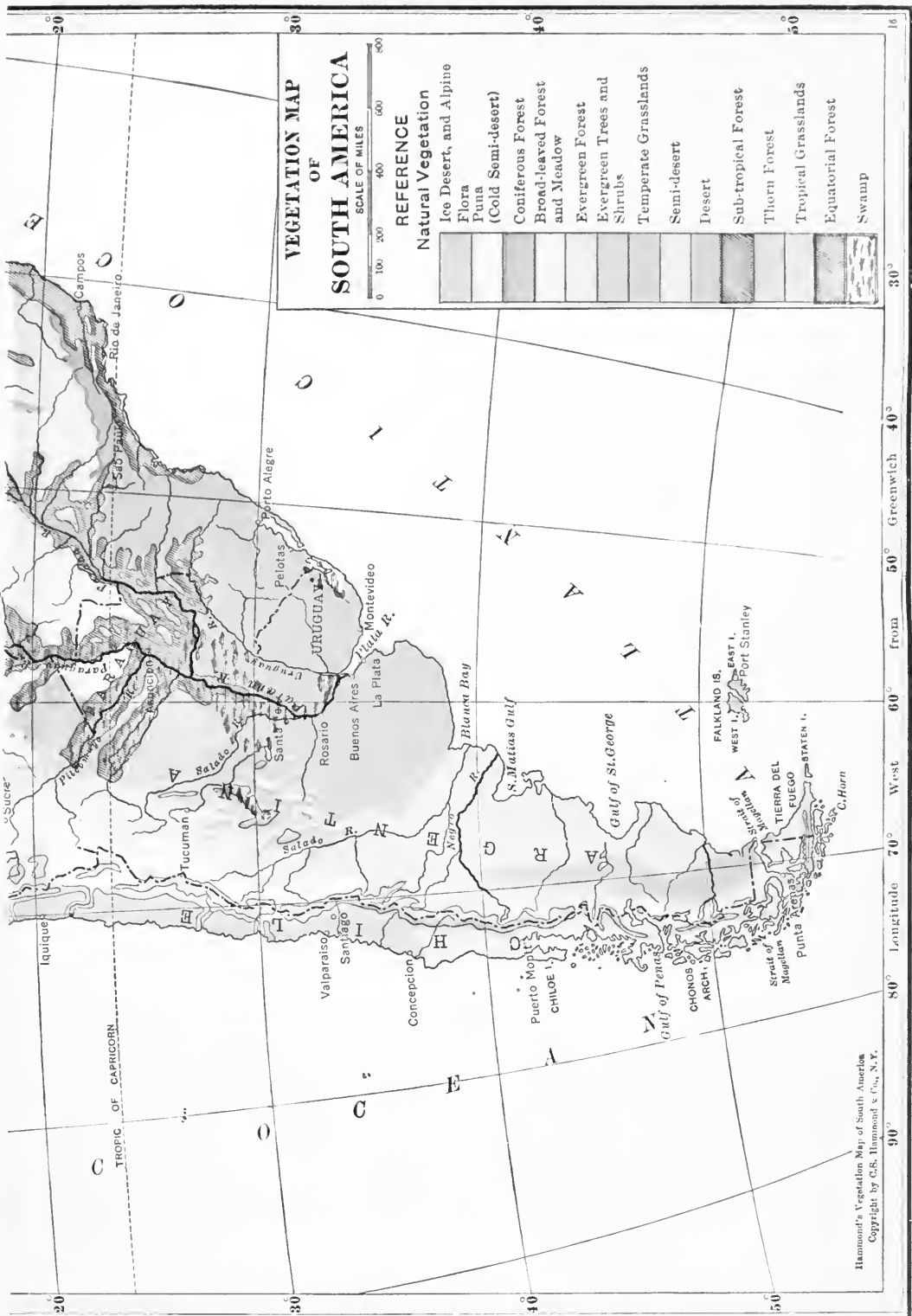












VEGETATION MAP OF SOUTH AMERICA

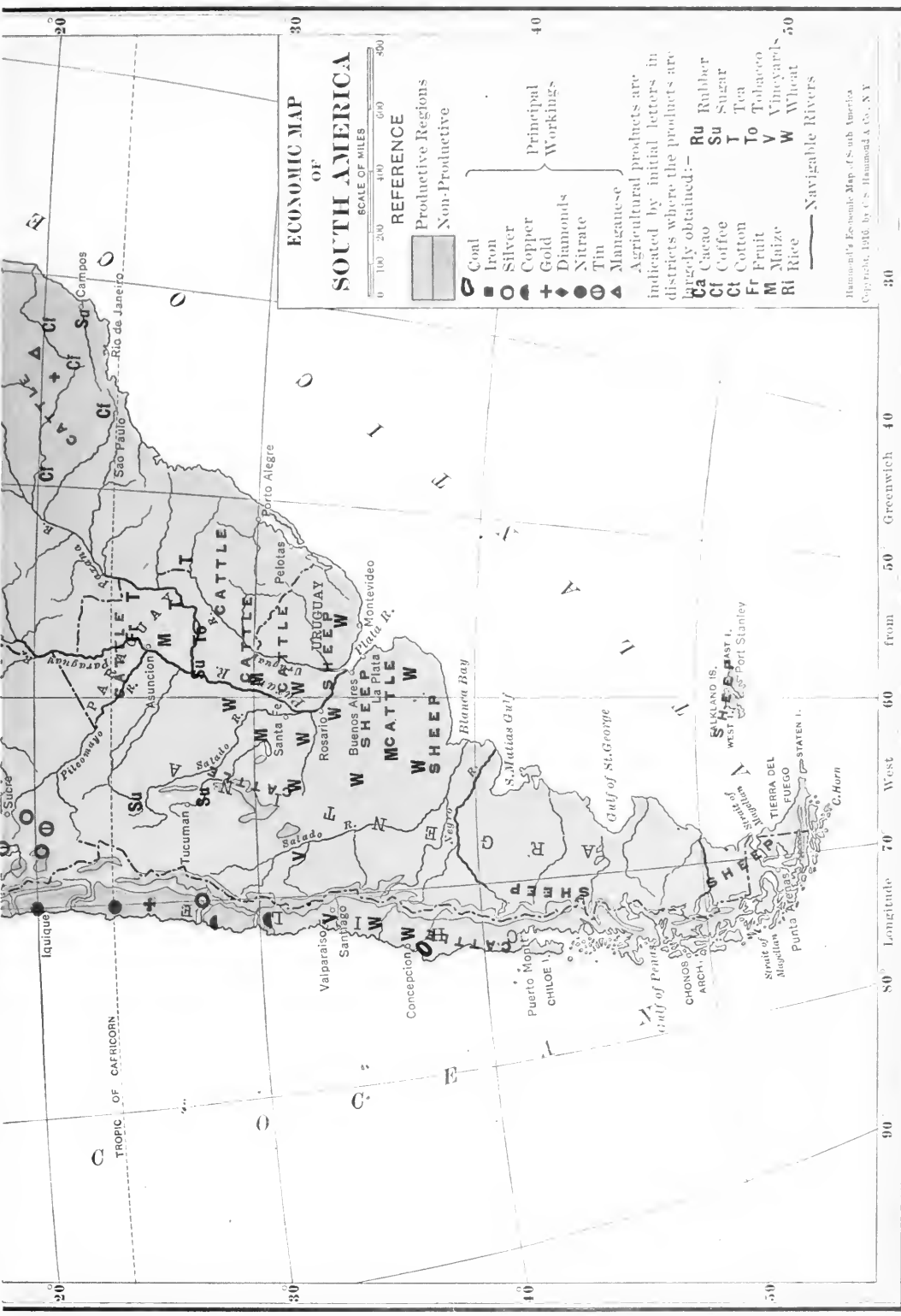
SCALE OF MILES
0 100 200 400 600 800

REFERENCE

Natural Vegetation

- Ice Desert, and Alpine Flora
- Puna (Cold Semi-desert)
- Coniferous Forest
- Broad-leaved Forest and Meadow
- Evergreen Forest
- Evergreen Trees and Shrubs
- Temperate Grasslands
- Semi-desert
- Desert
- Sub-tropical Forest
- Thorn Forest
- Tropical Grasslands
- Equatorial Forest
- Swamp

Hammond's Vegetation Map of South America
Copyright by G.S. Hammond & Co., N.Y.



ECONOMIC MAP OF SOUTH AMERICA

SCALE OF MILES
0 100 200 300 400 500

REFERENCE
 Productive Regions
 Non-Productive

- Coal
- Iron
- Silver
- Copper
- Gold
- + Diamonds
- ◆ Nitrate
- Tin
- ▲ Manganese

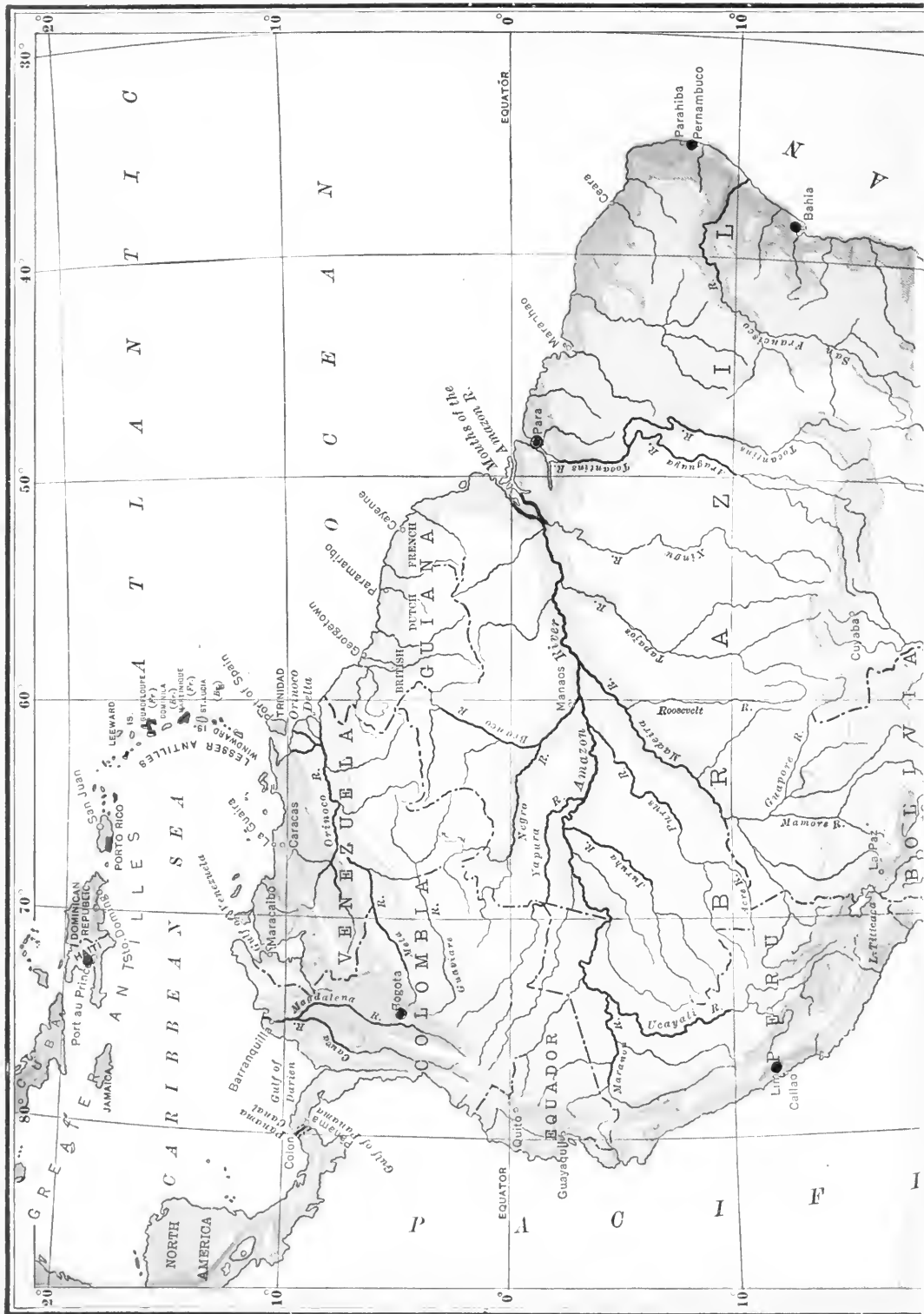
Principal Products and Workings indicated by initial letters in districts where the products are largely obtained:—

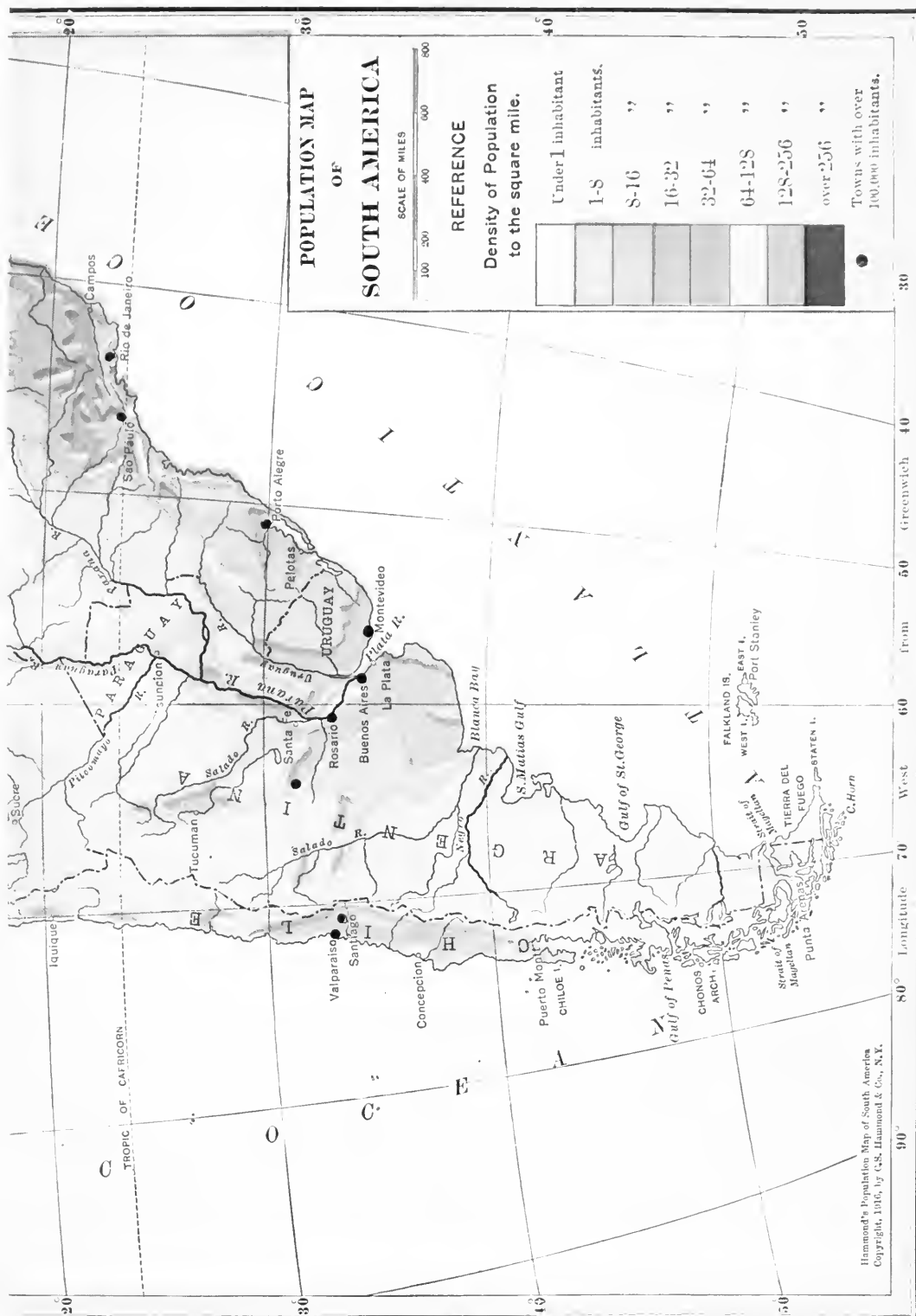
- Ru Rubber
- Su Sugar
- T Tea
- To Tobacco
- V Vineyards
- W Wheat

— Navigable Rivers

Hammond's Economic Map of South America
 Copyright, 1916, by C. S. Hammond & Co., N. Y.

30 40 50 60 70 80 Longitude West from Greenwich 40 50 60 70 80





**POPULATION MAP
OF
SOUTH AMERICA**

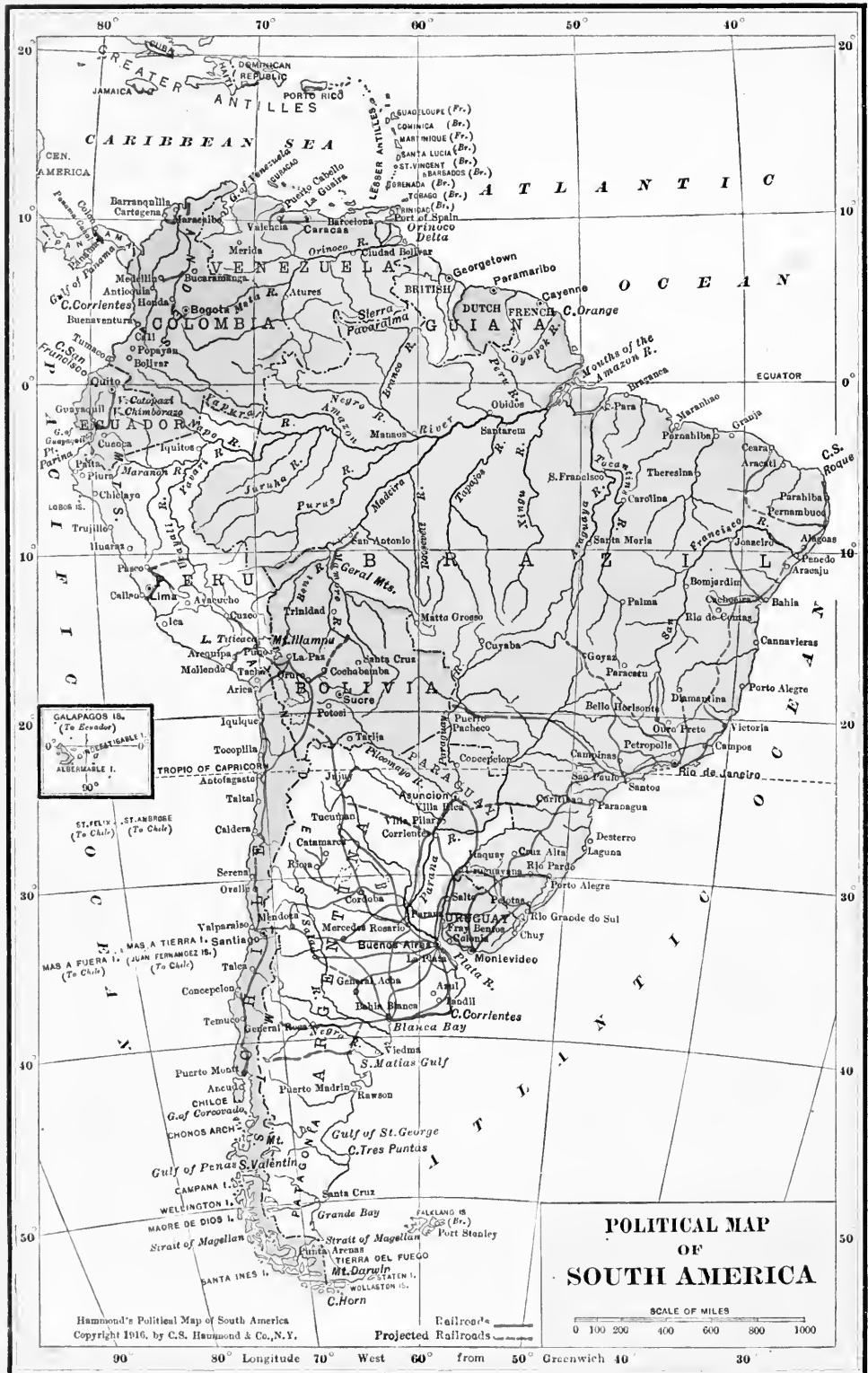


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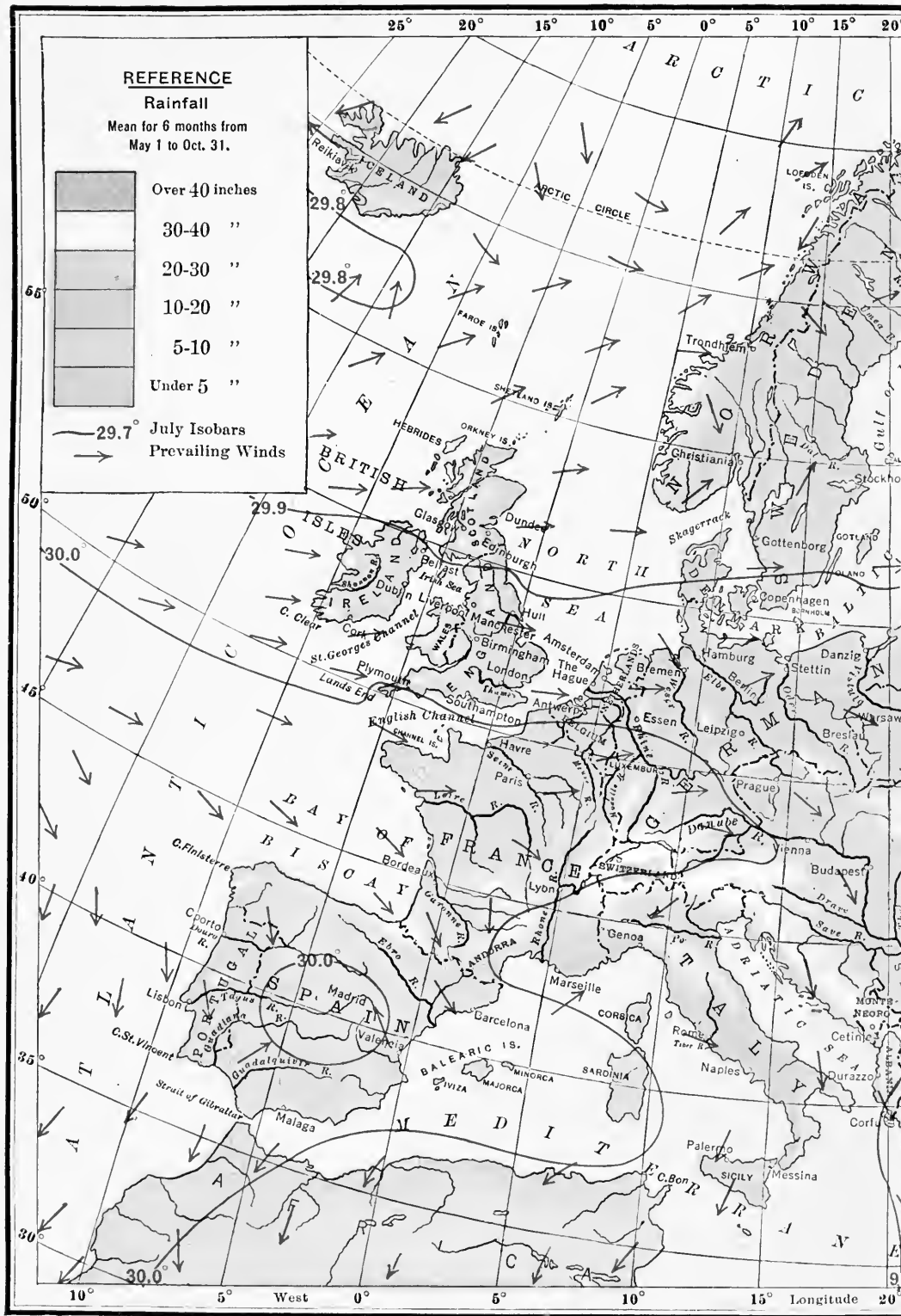
Density of Population
to the square mile.



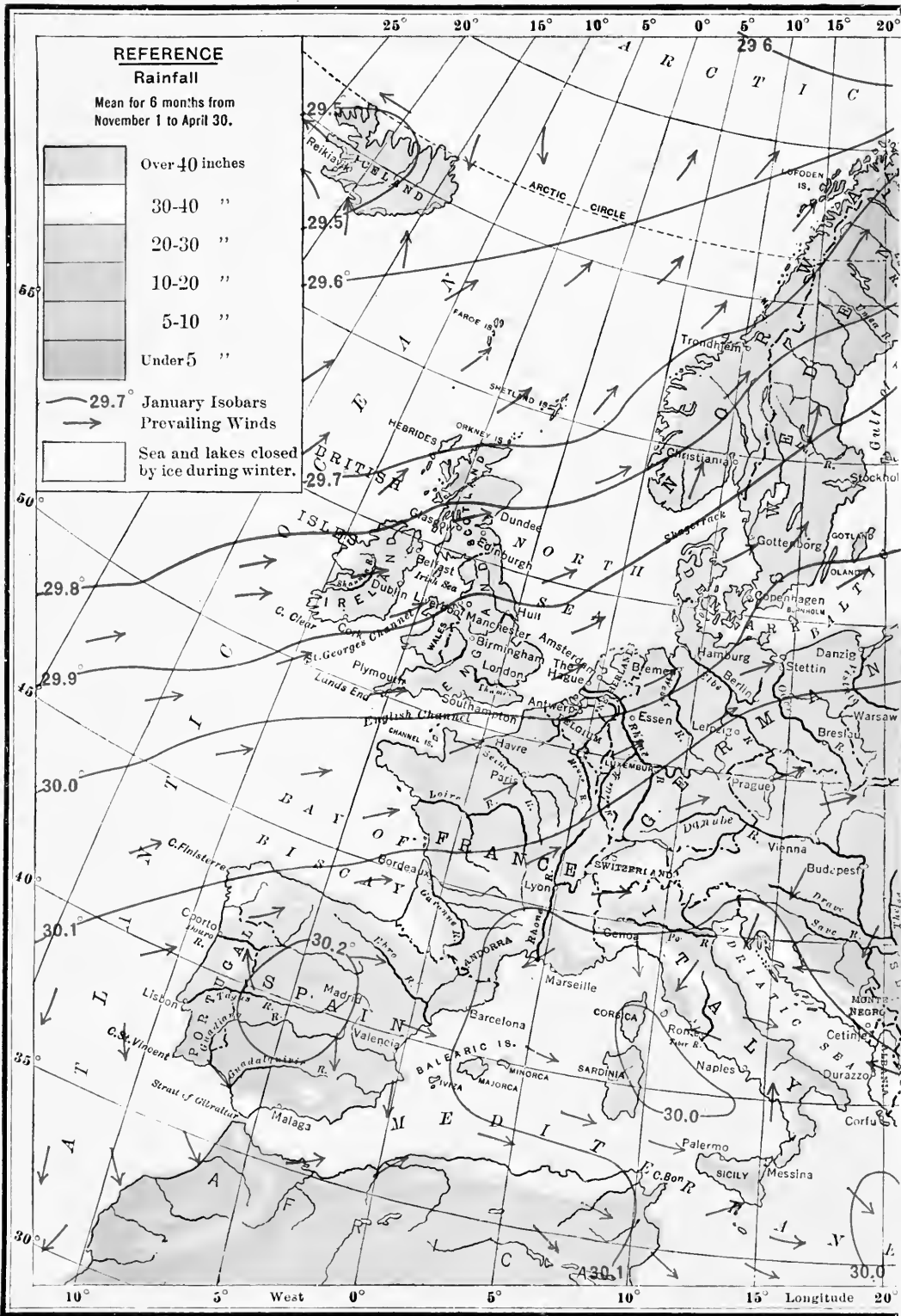
Hammond's Population Map of South America
Copyright, 1916, by G.S. Hammond & Co., N.Y.



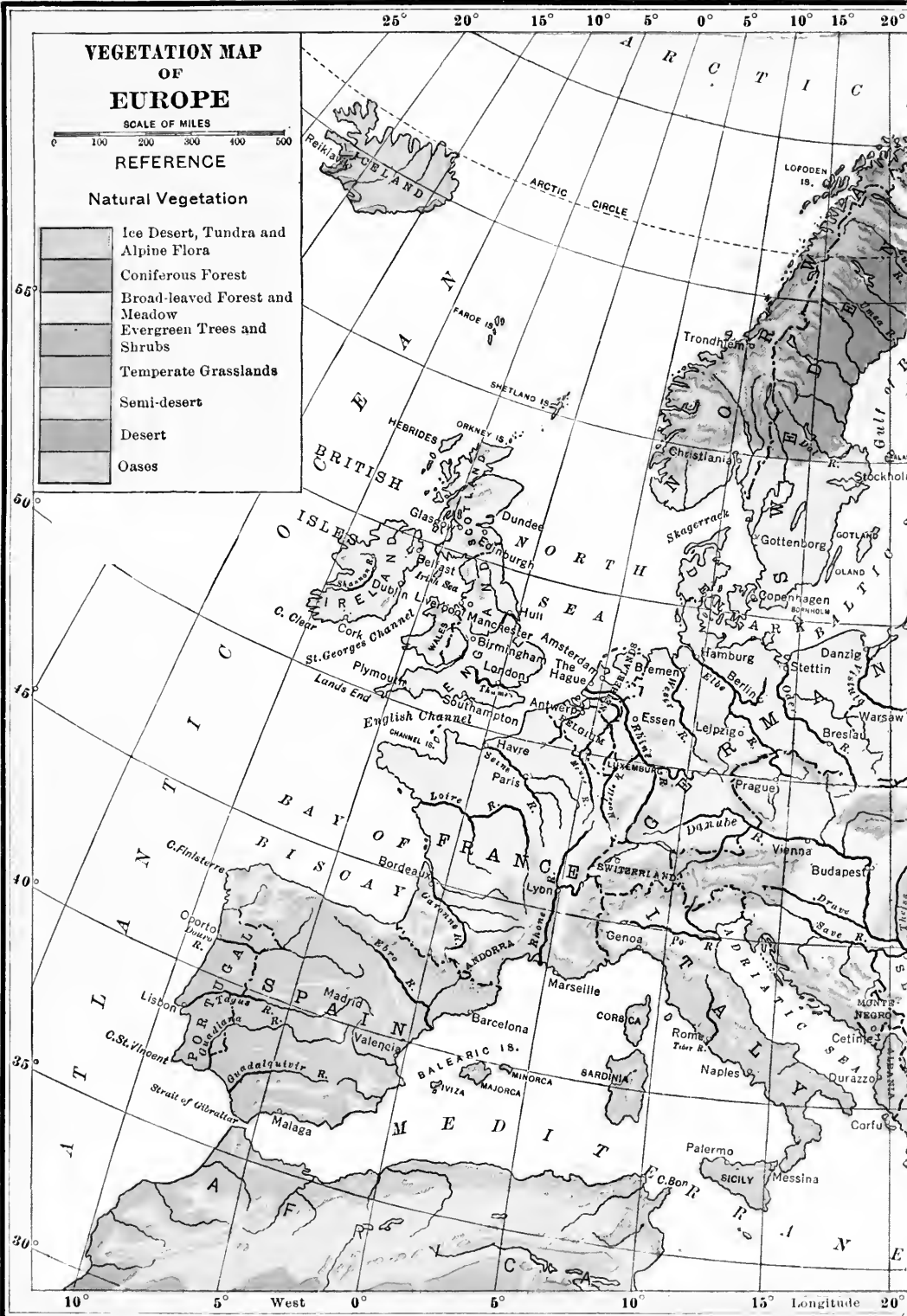


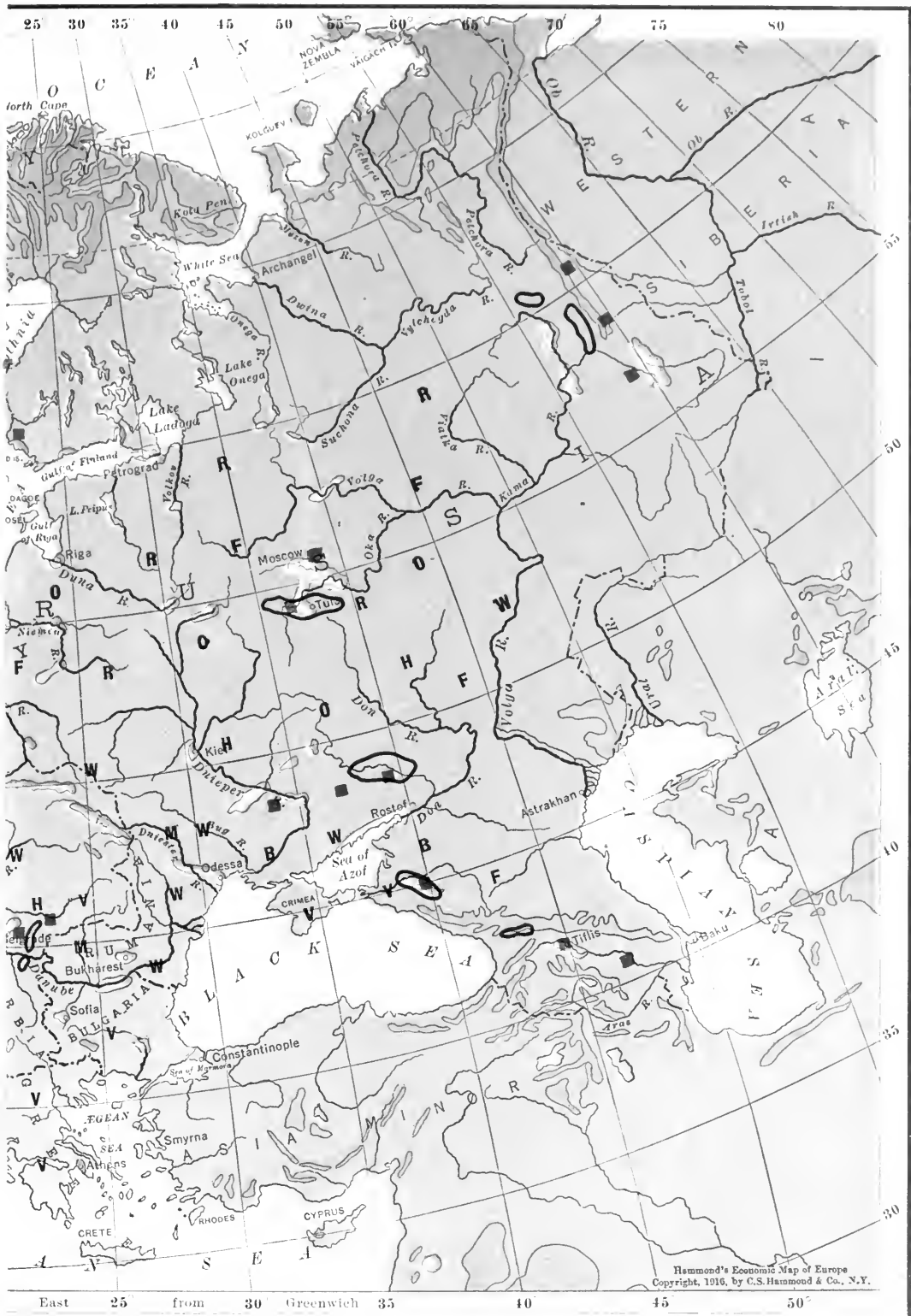












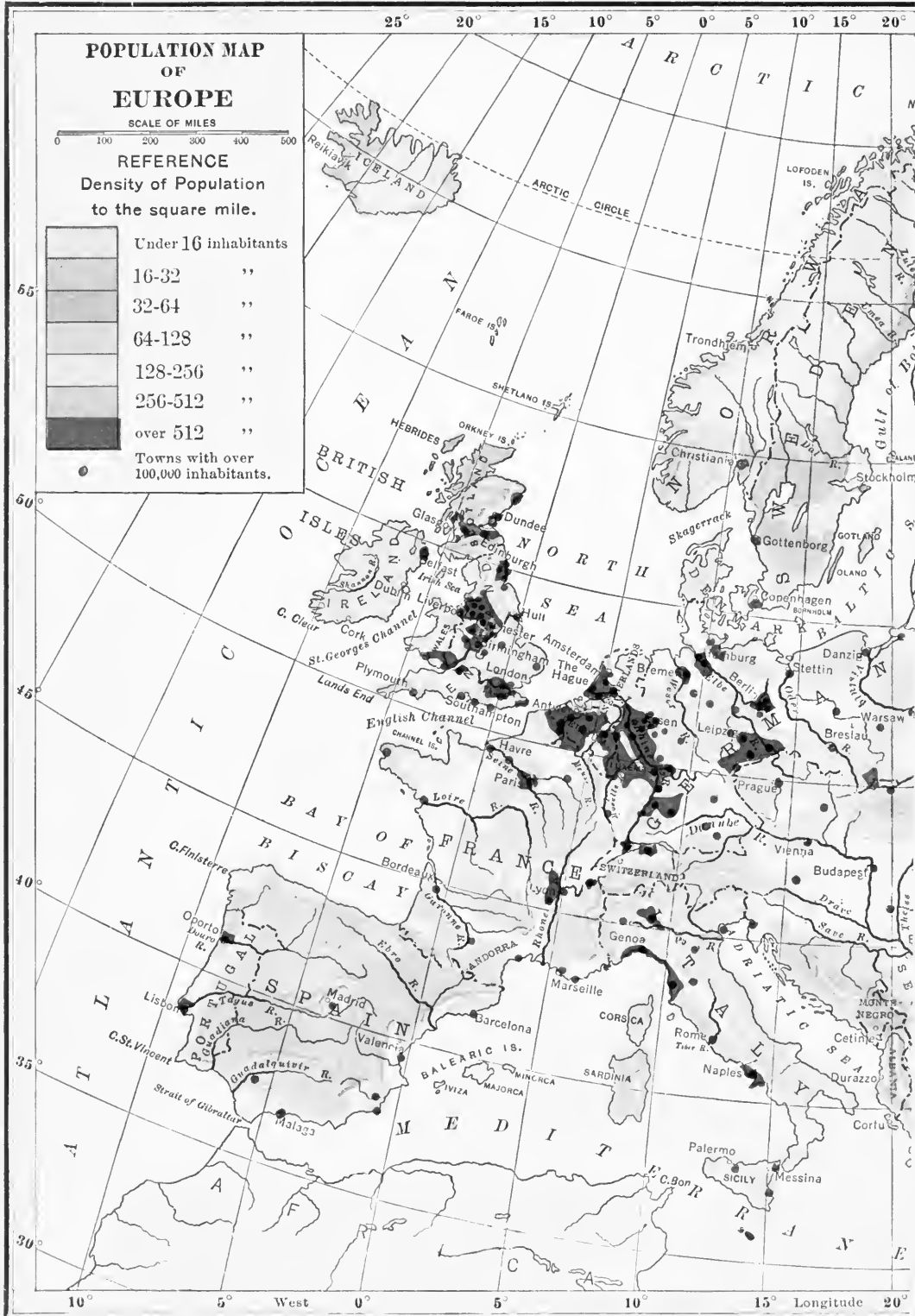
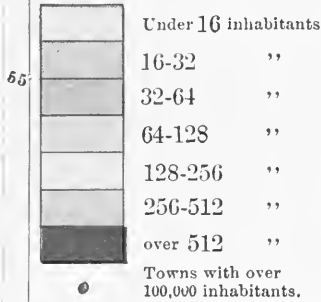
Hammond's Economic Map of Europe
 Copyright, 1910, by C.S. Hammond & Co., N.Y.

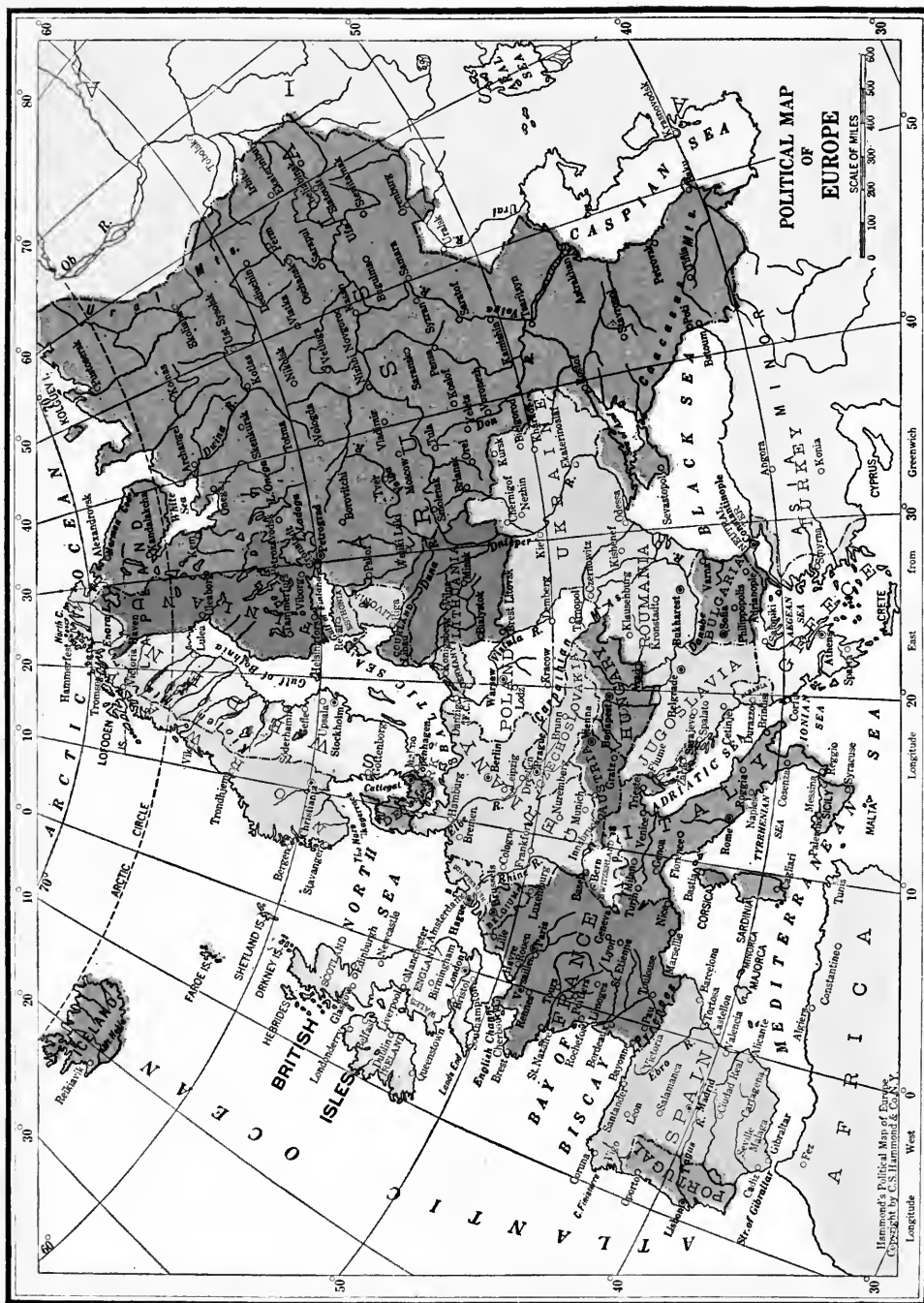
East 25 from 30 Greenwich 35 40 45 50

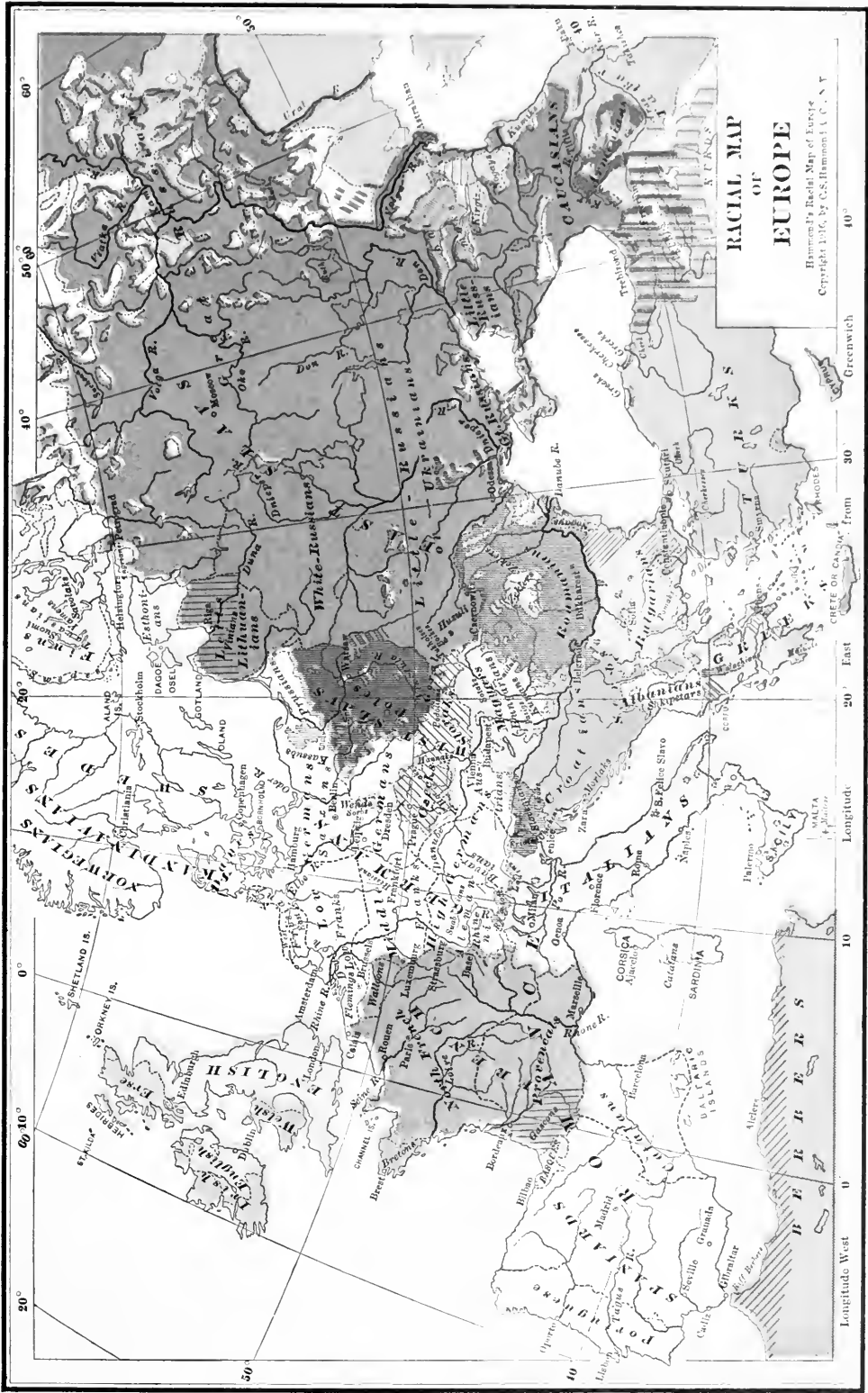
POPULATION MAP OF EUROPE

SCALE OF MILES
0 100 200 300 400 500

REFERENCE
Density of Population
to the square mile.



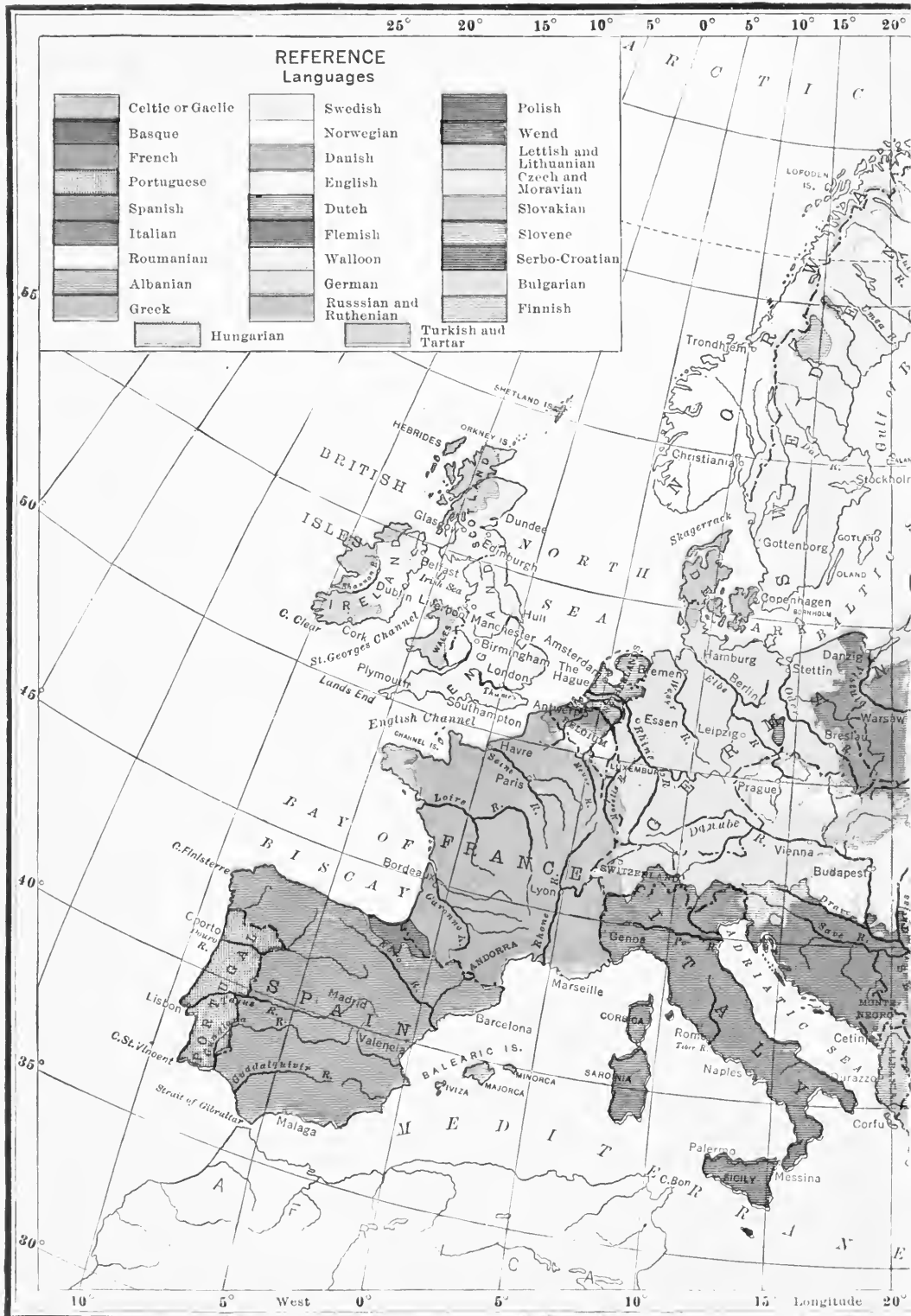


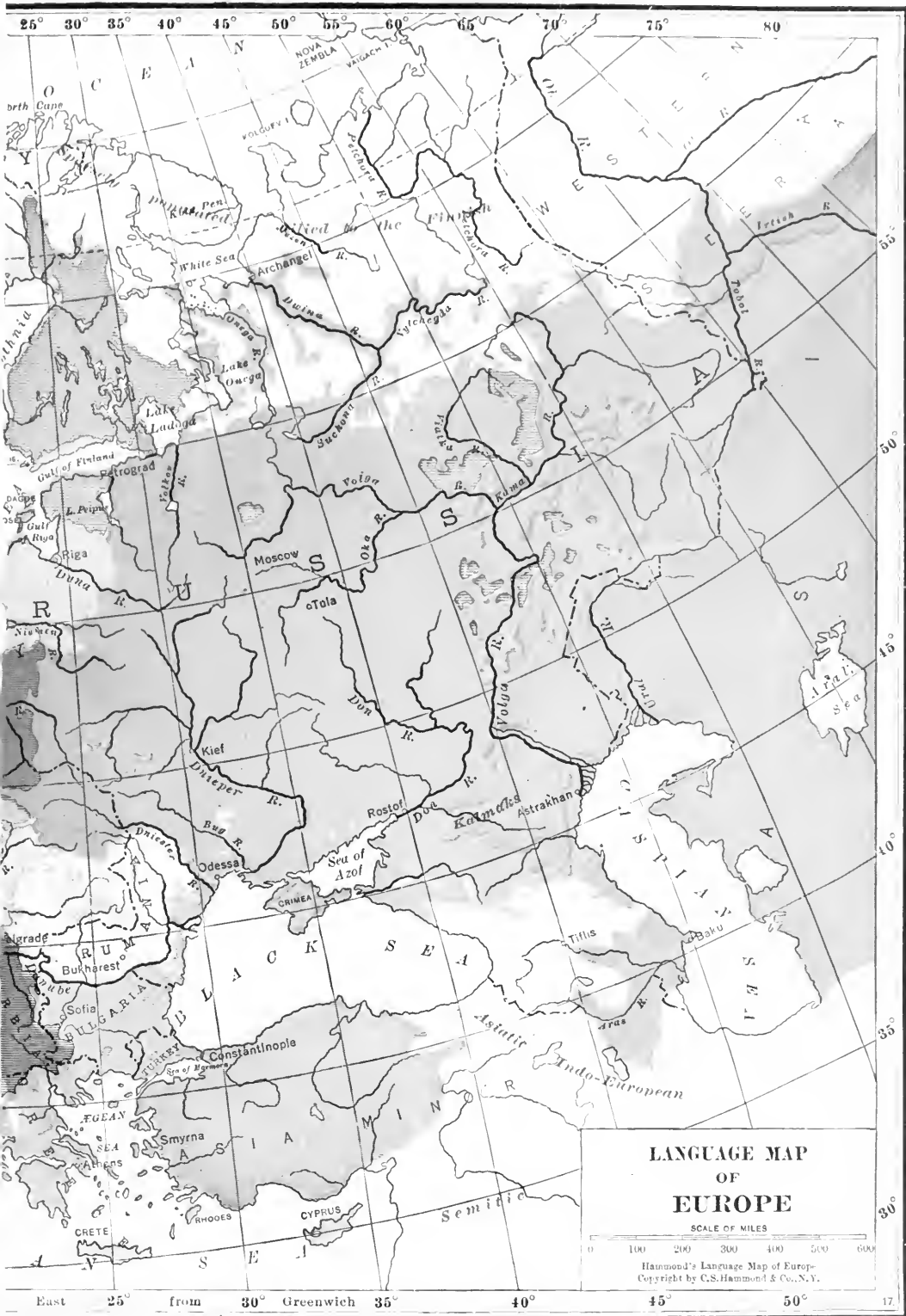


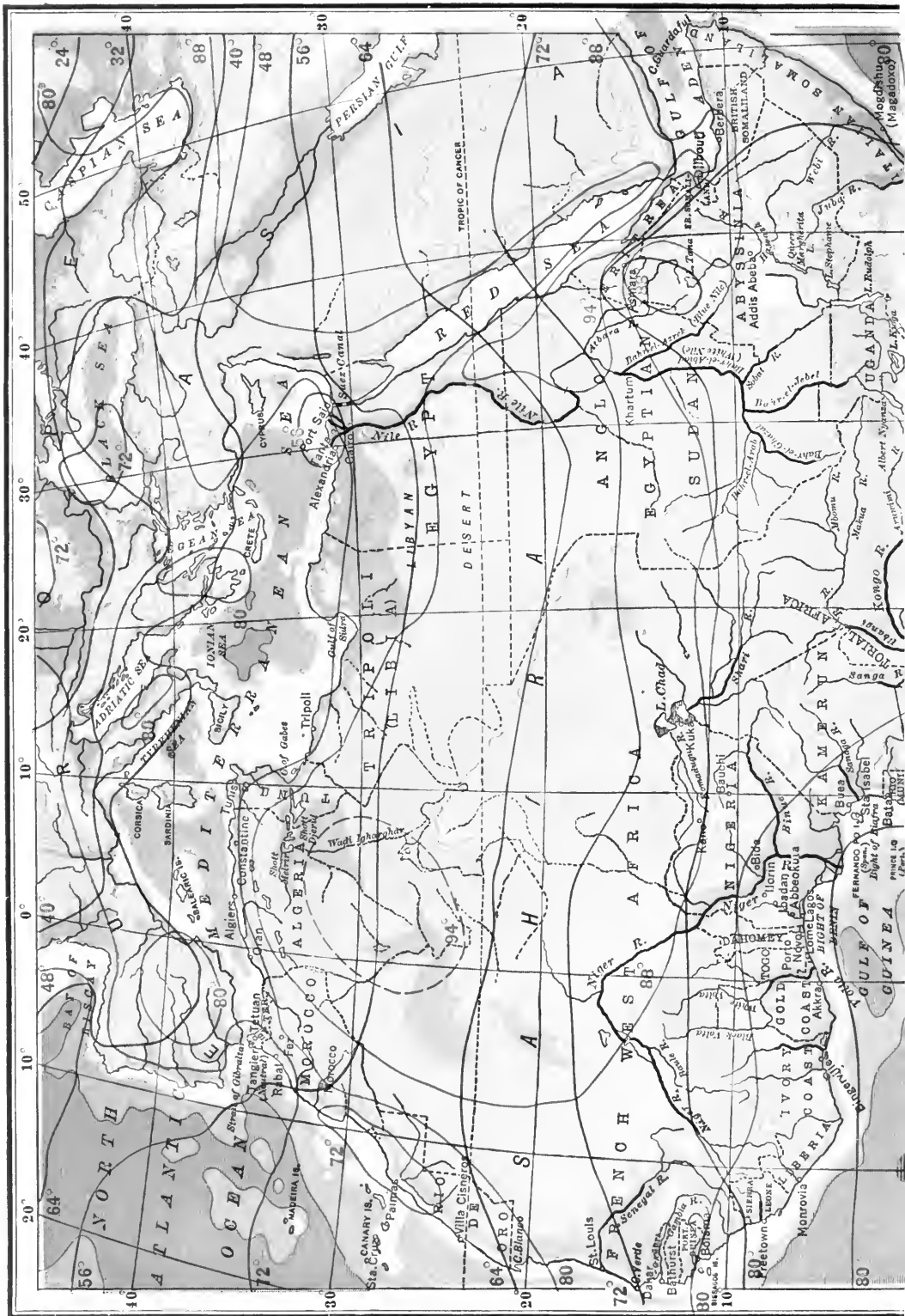
RACIAL MAP OF EUROPE

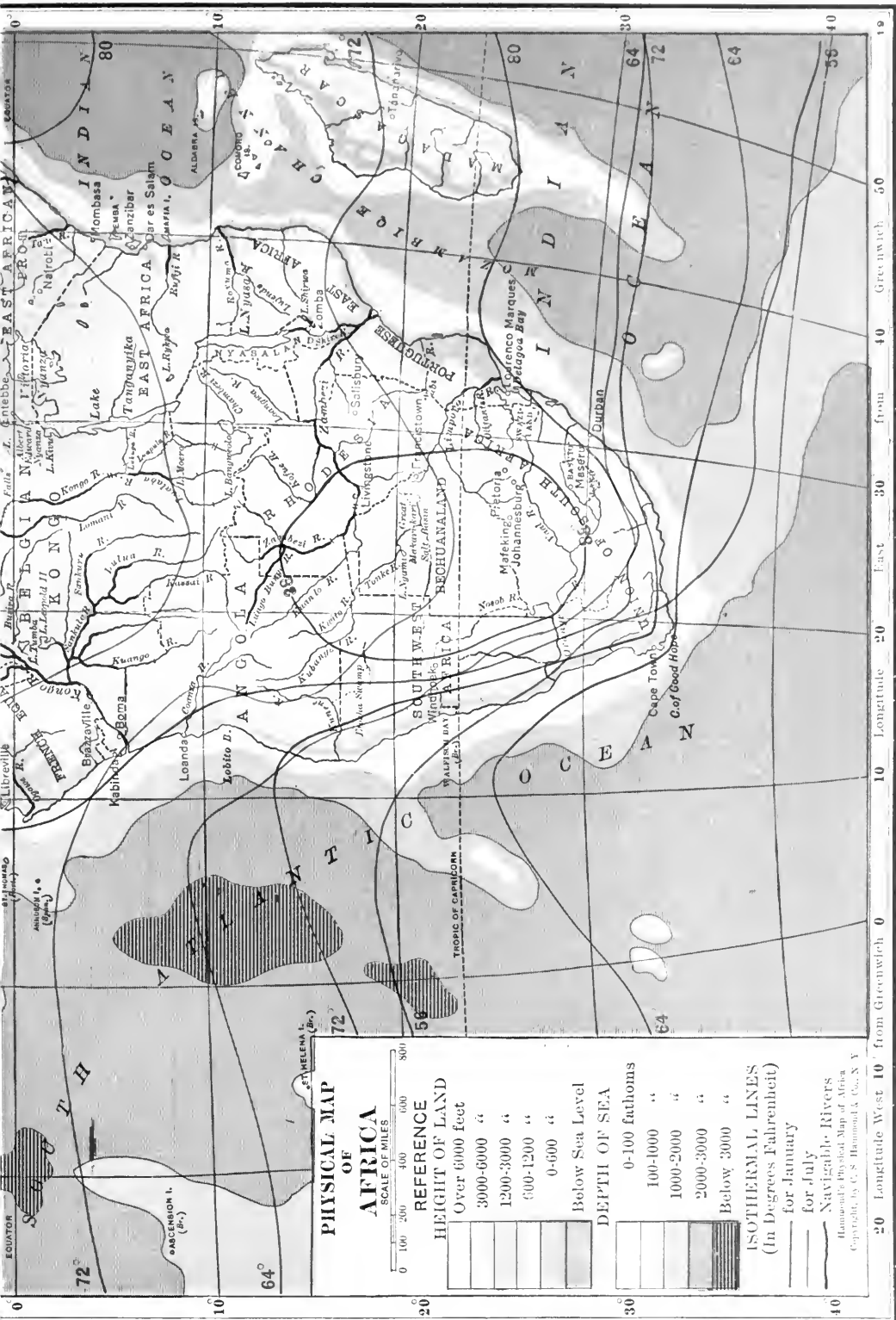
Revised by Haeckel, Map of Europe
 Copyright 1916 by G.S. Hammond, N. Y. C. N. Y.

Longitude West 20° 10° 0° 10° 20° 30° 40° 50° 60°
 Longitude East from Greenwich 0° 10° 20° 30° 40° 50° 60°









PHYSICAL MAP OF AFRICA

SCALE OF MILES
0 100 200 400 600 800

REFERENCE HEIGHT OF LAND

- Over 6000 Feet
- 3000-6000 "
- 1200-3000 "
- 600-1200 "
- 0-600 "
- Below Sea Level

DEPTH OF SEA

- 0-100 fathoms
- 100-1000 "
- 1000-2000 "
- 2000-3000 "
- Below 3000 "

ISOTHERMAL LINES
(In Degrees Fahrenheit)

- for January
- for July

— Navigable Rivers

— Homocentric Physical Map of Africa

Copyright, by G. S. Hammond & Co., N. Y.

20 Longitude West 10' from Greenwich 0 10 Longitude 20 East 30 East 40 Greenwich 50 60 70 80

19 40 30 20 10 0

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

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10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

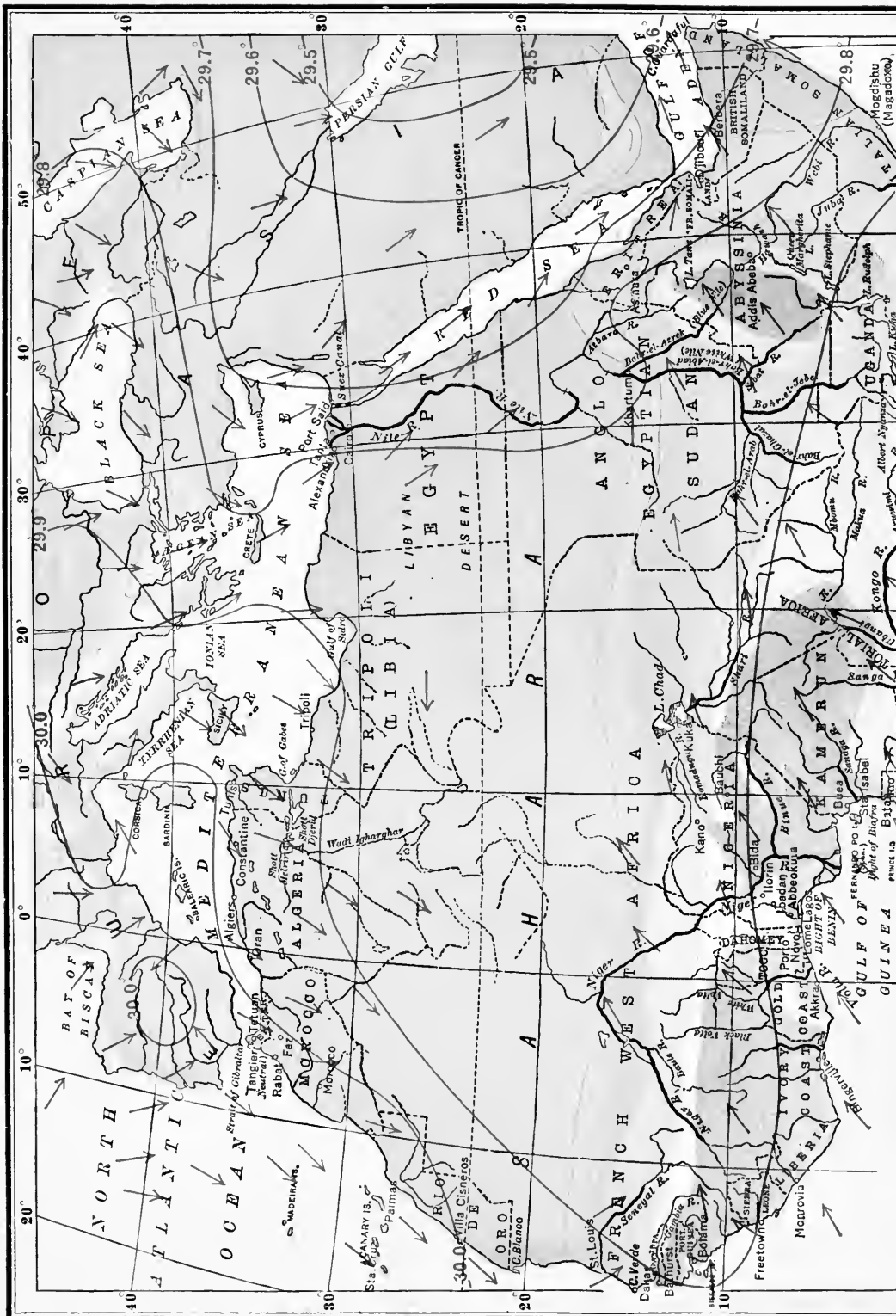
10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80

10 20 30 40 50 60 70 80





CLIMATE MAP
OF
AFRICA

MAY 1 - OCT. 31

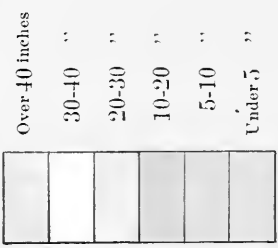
(Northern Summer; Southern Winter)



REFERENCE

Rainfall

Mean for 6 months from
May 1 to Oct. 31.



29.7° July Isotherms
→ Prevailing Winds

20° Longitude West 10° from Greenwich 0

10° Longitude 20° East 30° from 40° Greenwich 50

30.1°

30.0

30.1°

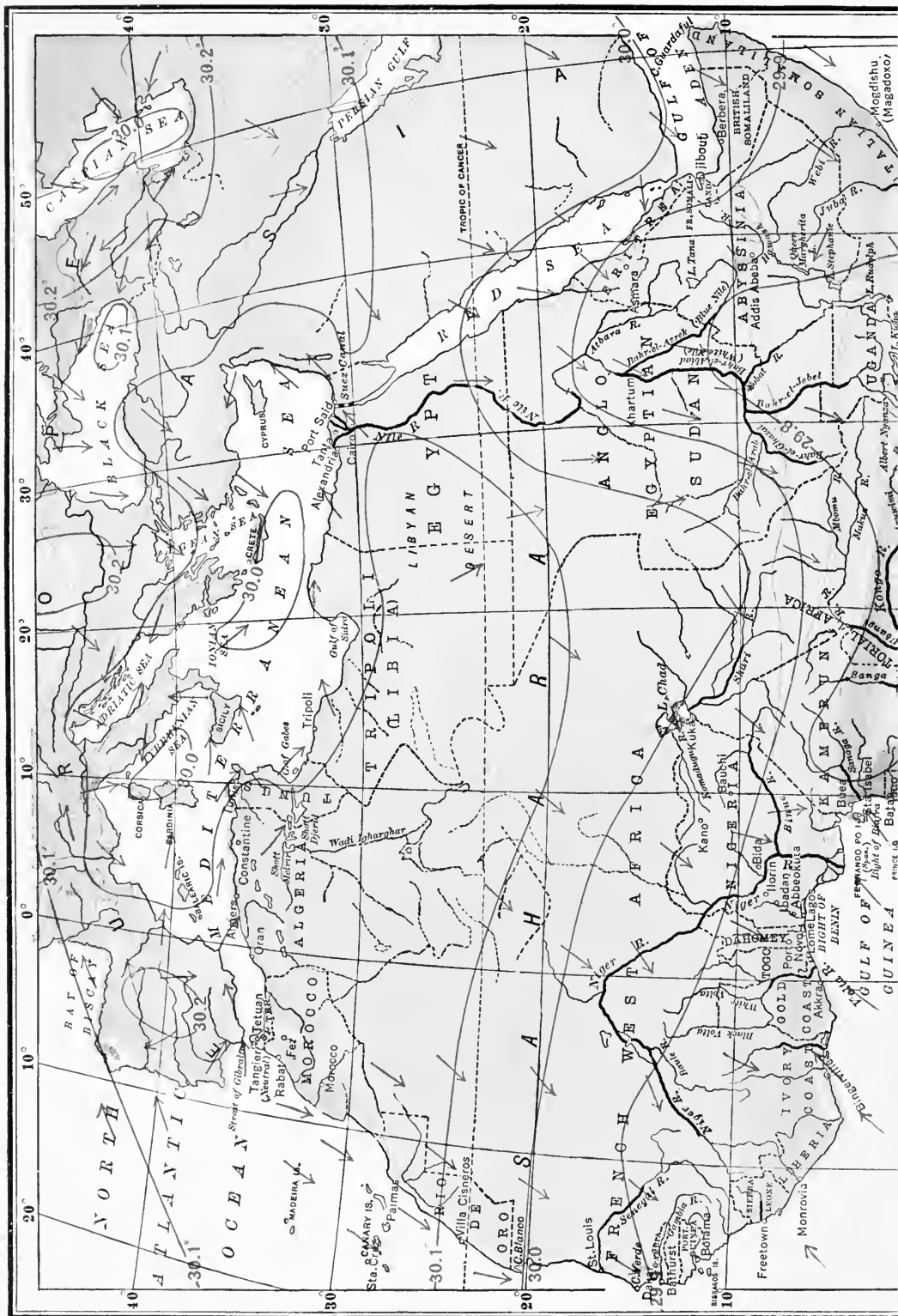
30.2°

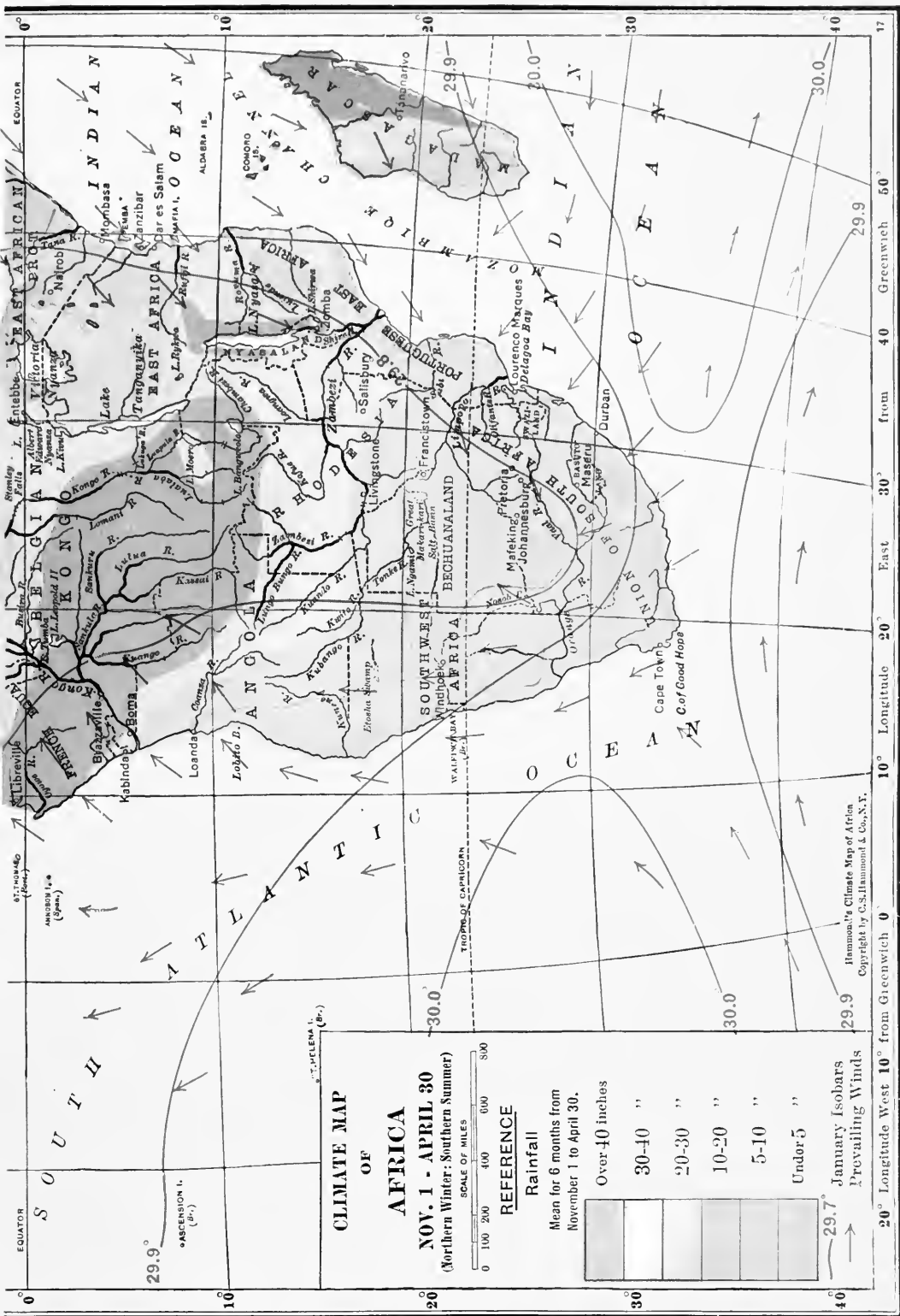
30.1°

30.0

17

Hammett's Climate Map of Africa
Copyright by G.S. Hammond & Co., N.Y.





**CLIMATE MAP
OF
AFRICA**

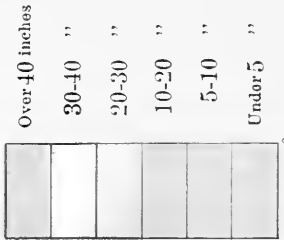
NOV. 1 - APRIL 30
(Northern Winter; Southern Summer)



REFERENCE

Rainfall

Mean for 6 months from
November 1 to April 30.

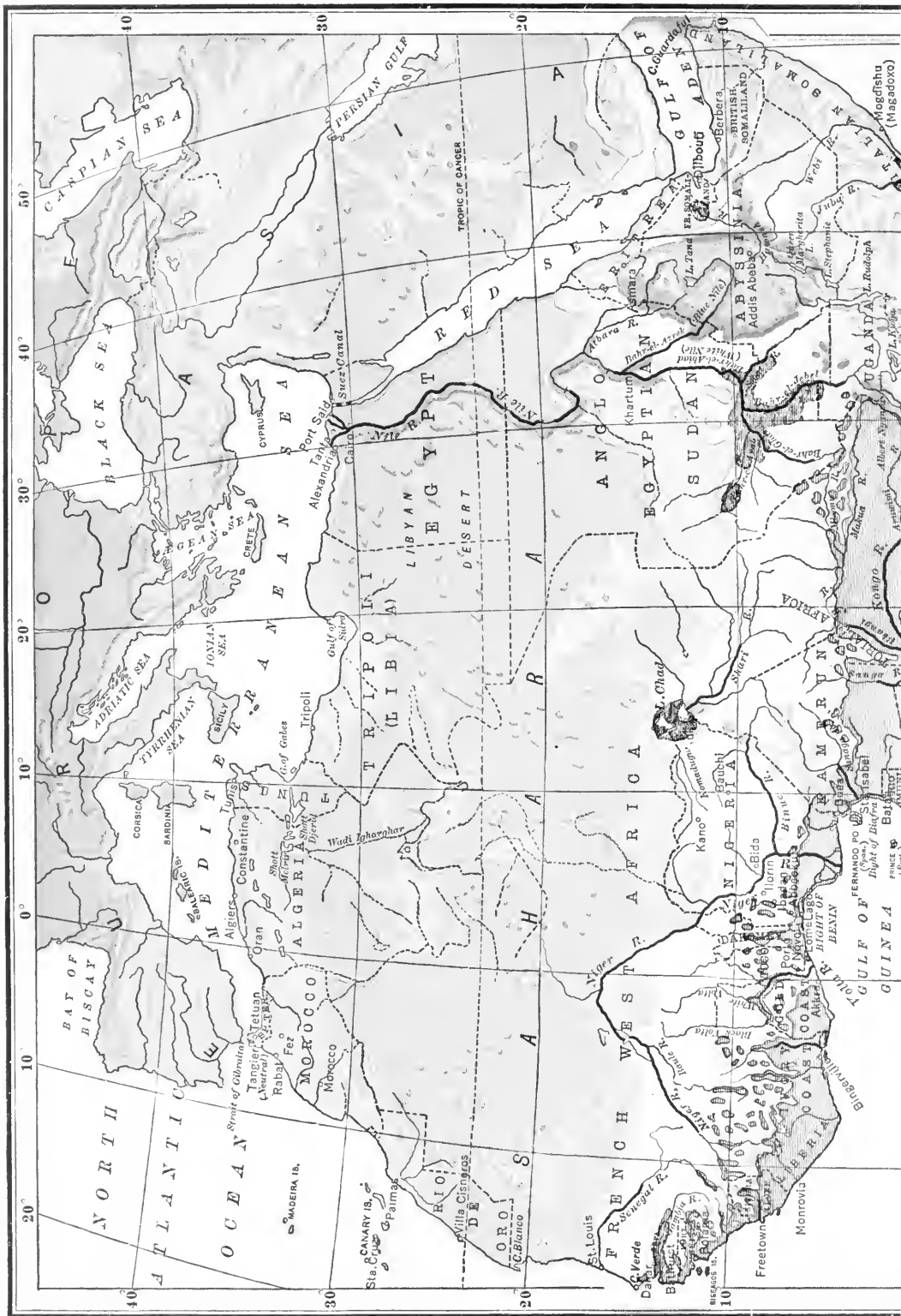


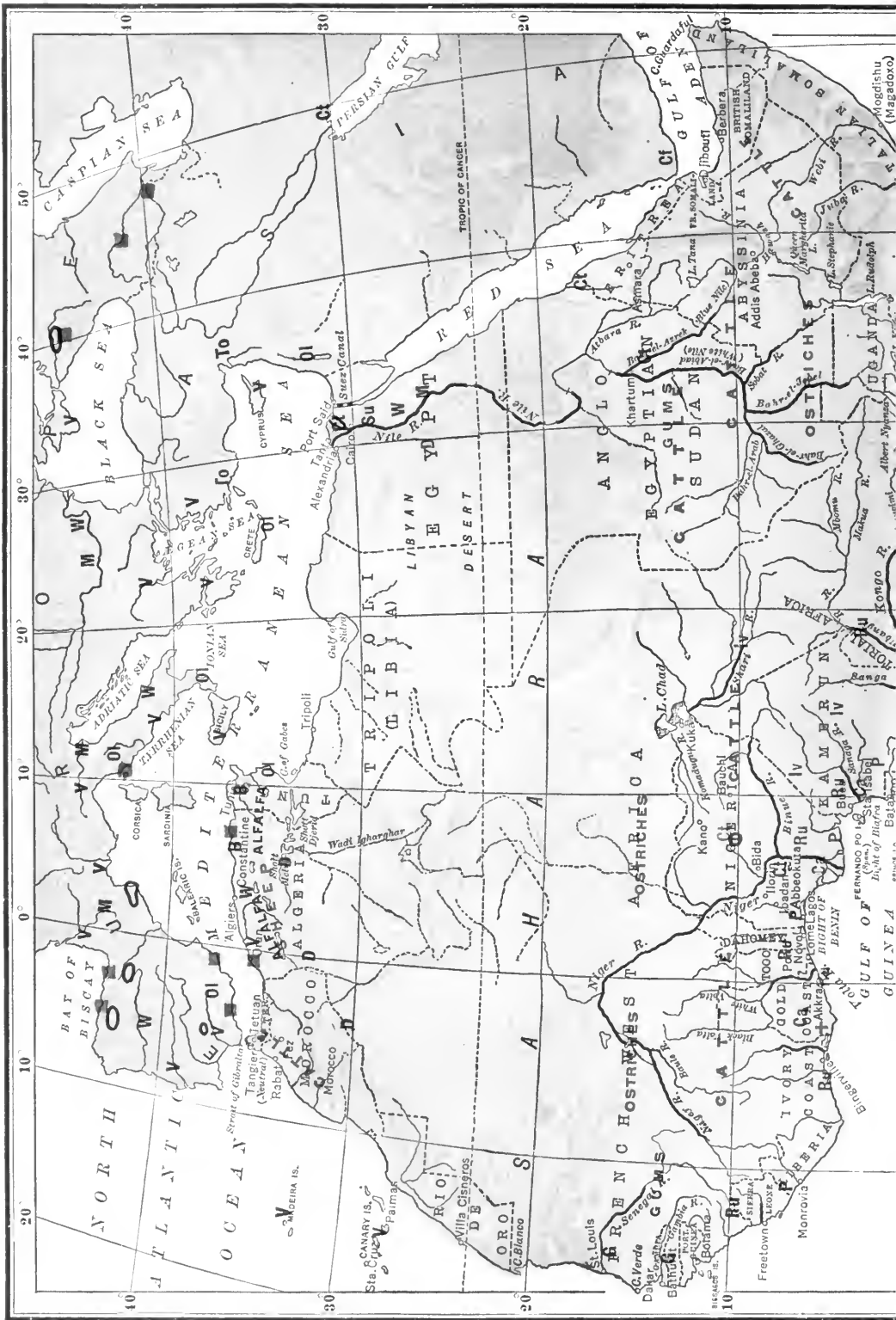
Temperature

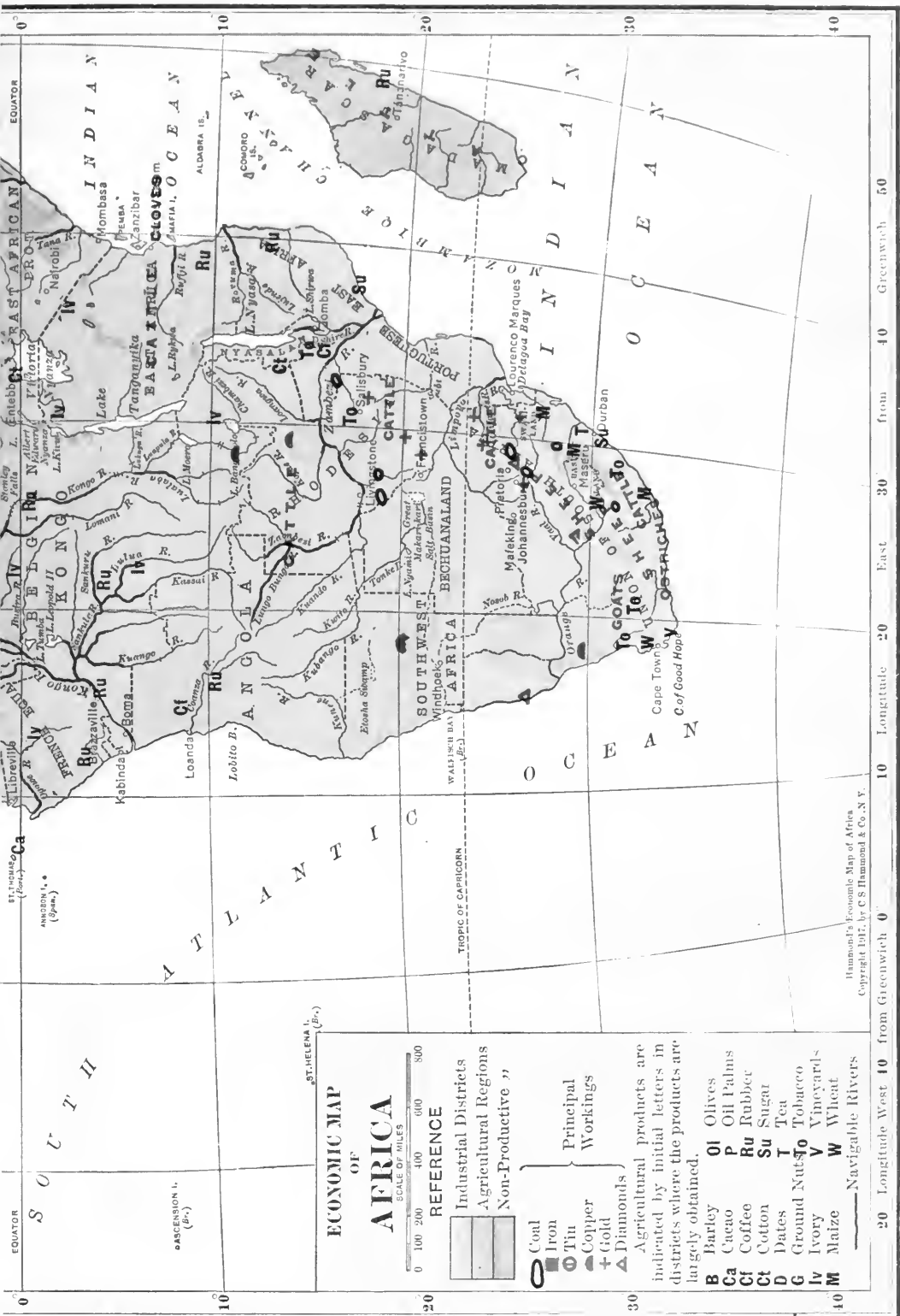
January Isotherms
Prevailing Winds

Hammond's Climate Map of Africa
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Longitude West 10° from Greenwich 0° 10° Longitude 20° East 30° 40° Greenwich 50° 60°







ST. HELENA I. (E.A.)

ECONOMIC MAP OF AFRICA



REFERENCE

- Industrial Districts
- Agricultural Regions
- Non-Productive "

- Coal
- Iron
- Tin
- Copper
- Gold
- Diamonds

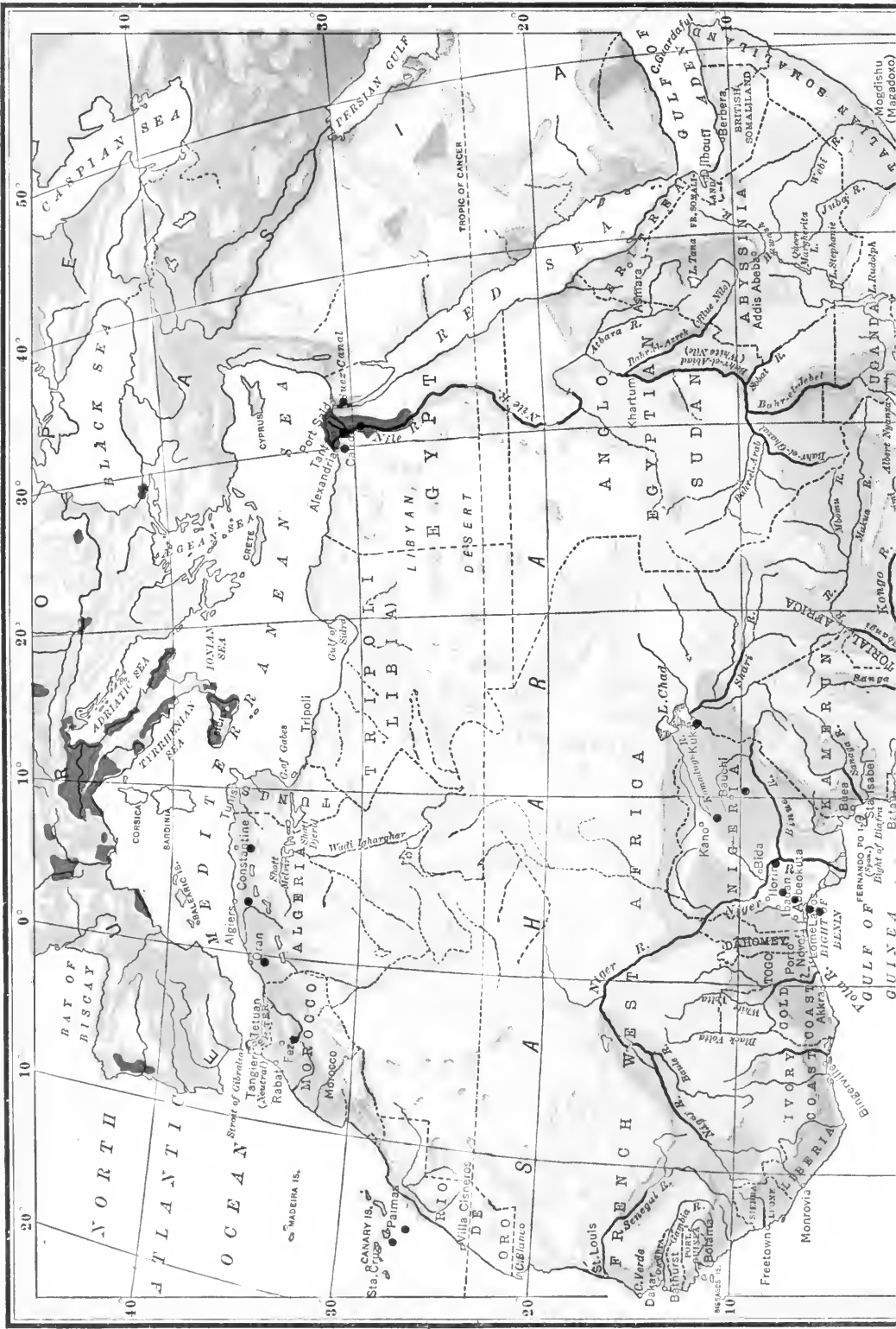
Agricultural products are indicated by initial letters in districts where the products are largely obtained.

- B** Barley
- Ca** Cacao
- Cf** Coffee
- Ct** Cotton
- D** Dates
- G** Ground Nuts
- Iv** Ivory
- M** Maize
- Oi** Olives
- P** Oil Palms
- Ru** Rubber
- Su** Sugar
- T** Tea
- To** Tobacco
- V** Vineyards
- W** Wheat

— Navigable Rivers

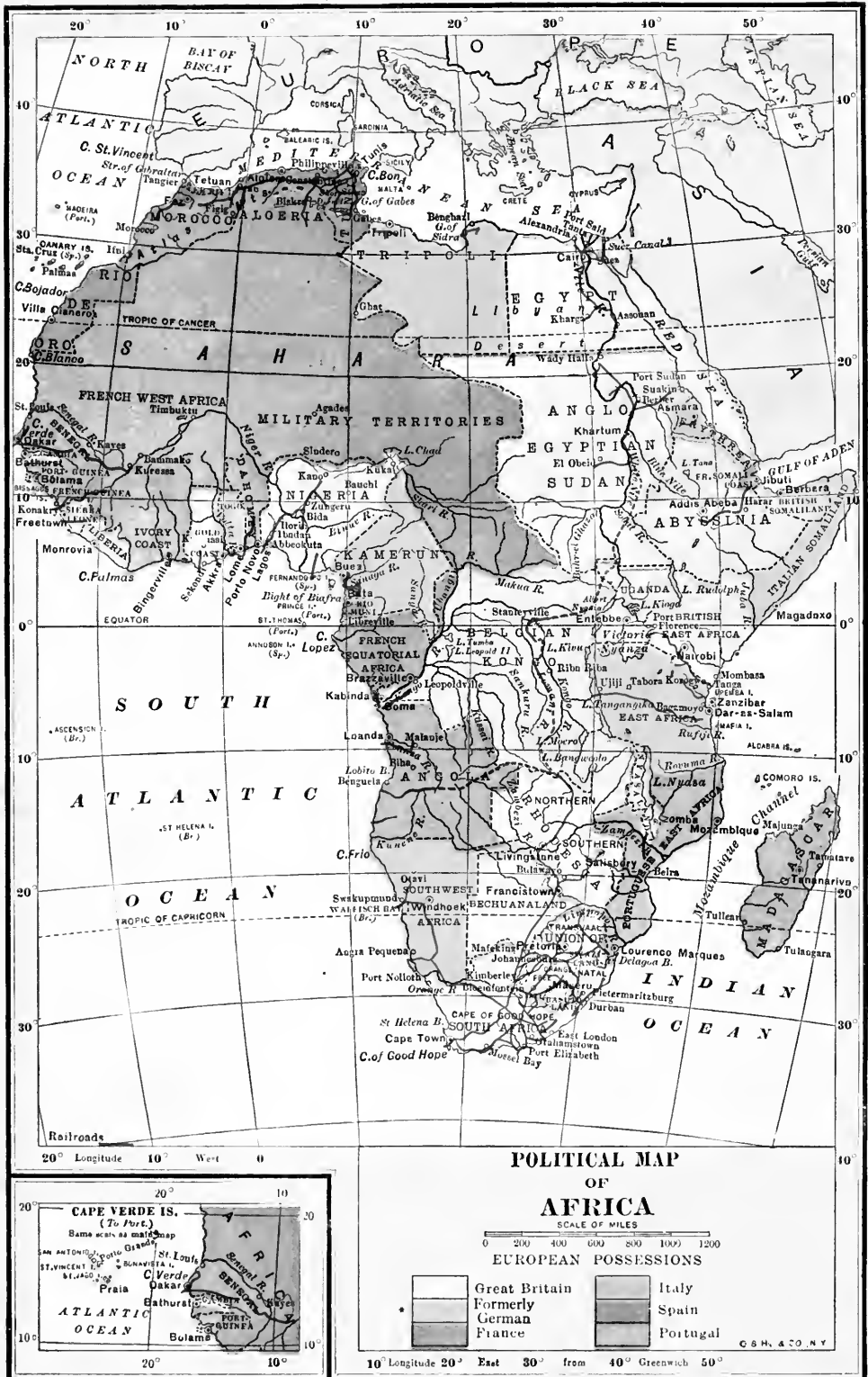
Hammond's Economic Map of Africa
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20 Longitude West 10 from Greenwich 0 10 Longitude 20 East 30 East 40 Greenwich 50

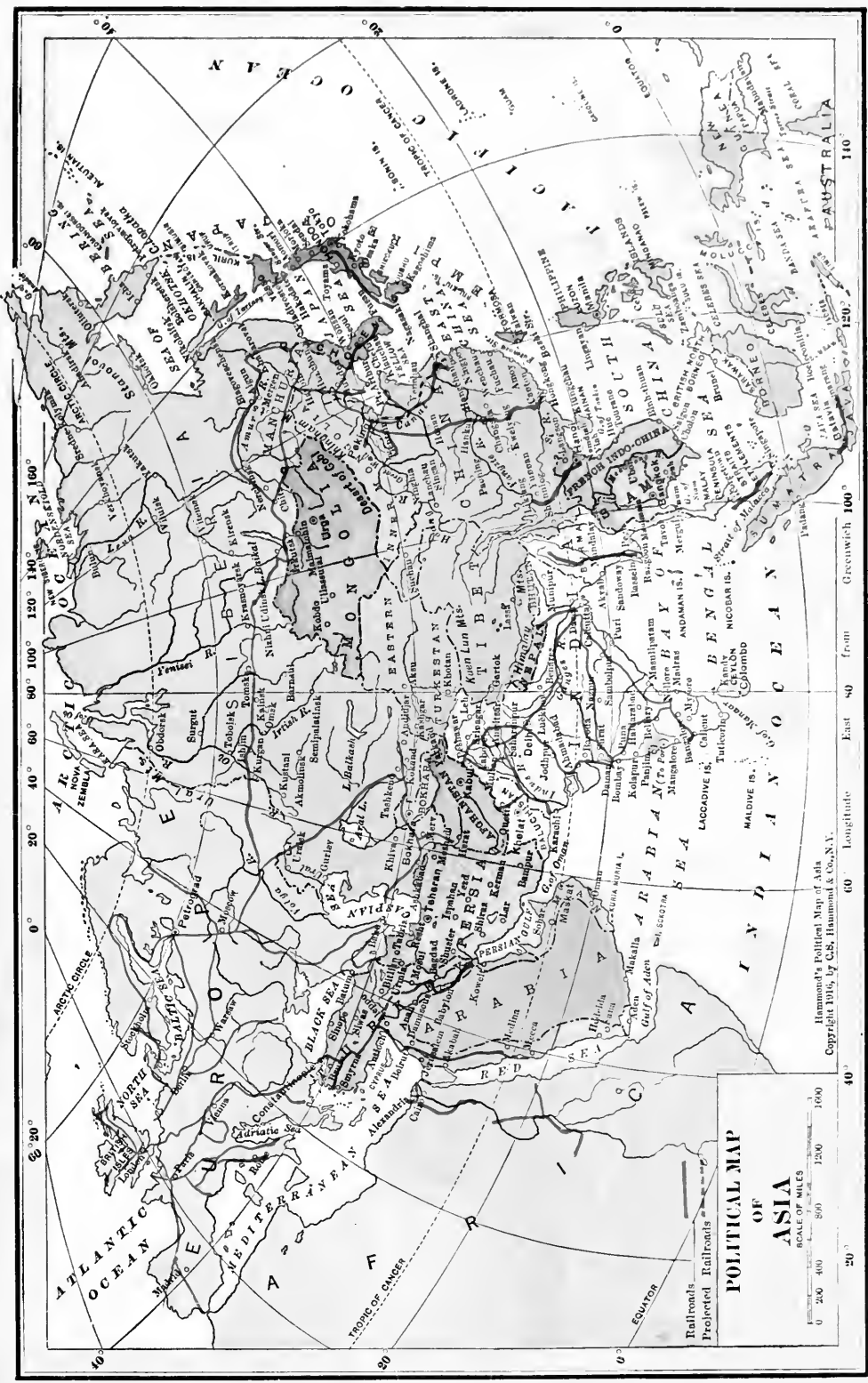




Hammond's Population Map of Africa
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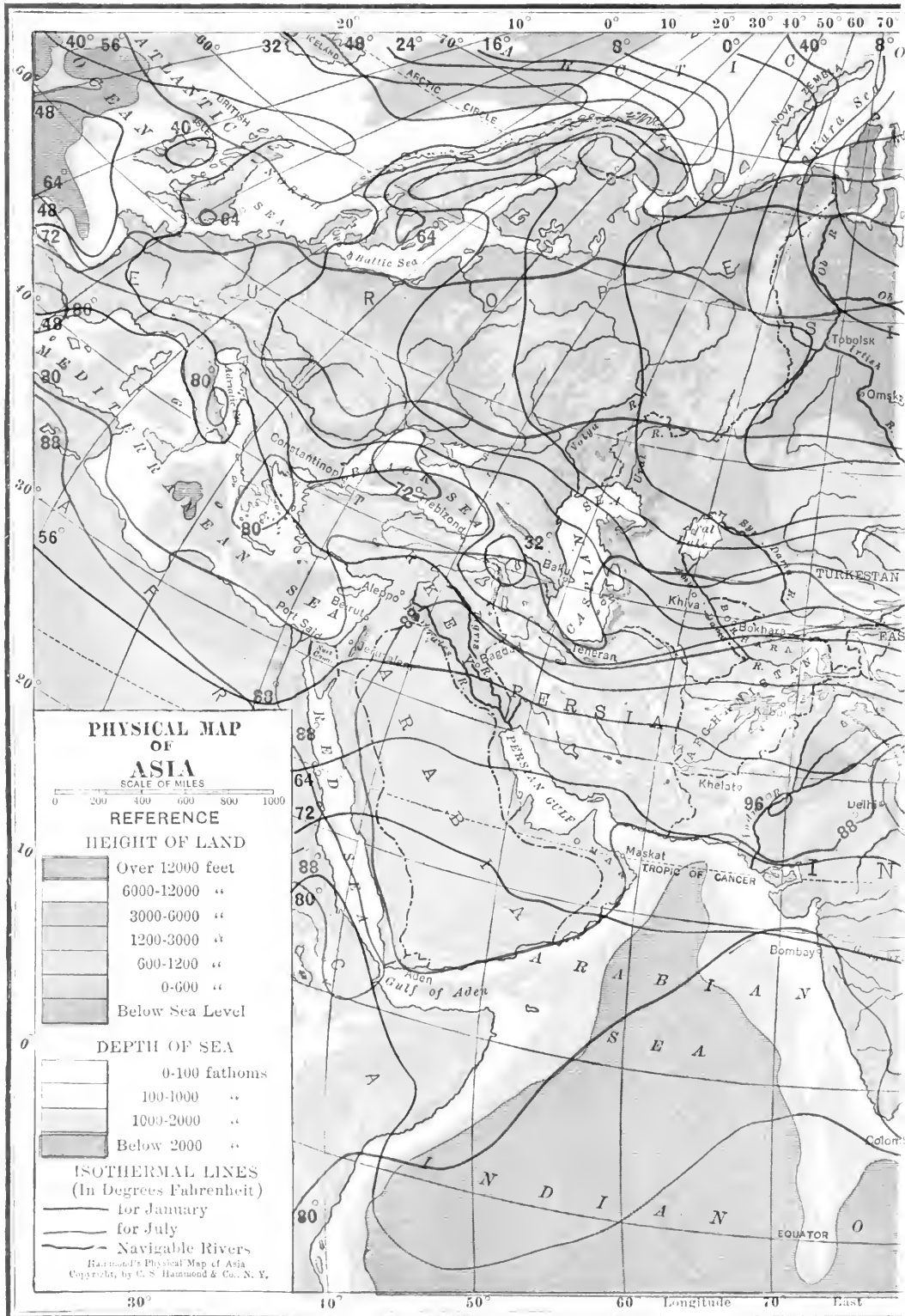
* Mandatories to be determined by Peace Conference

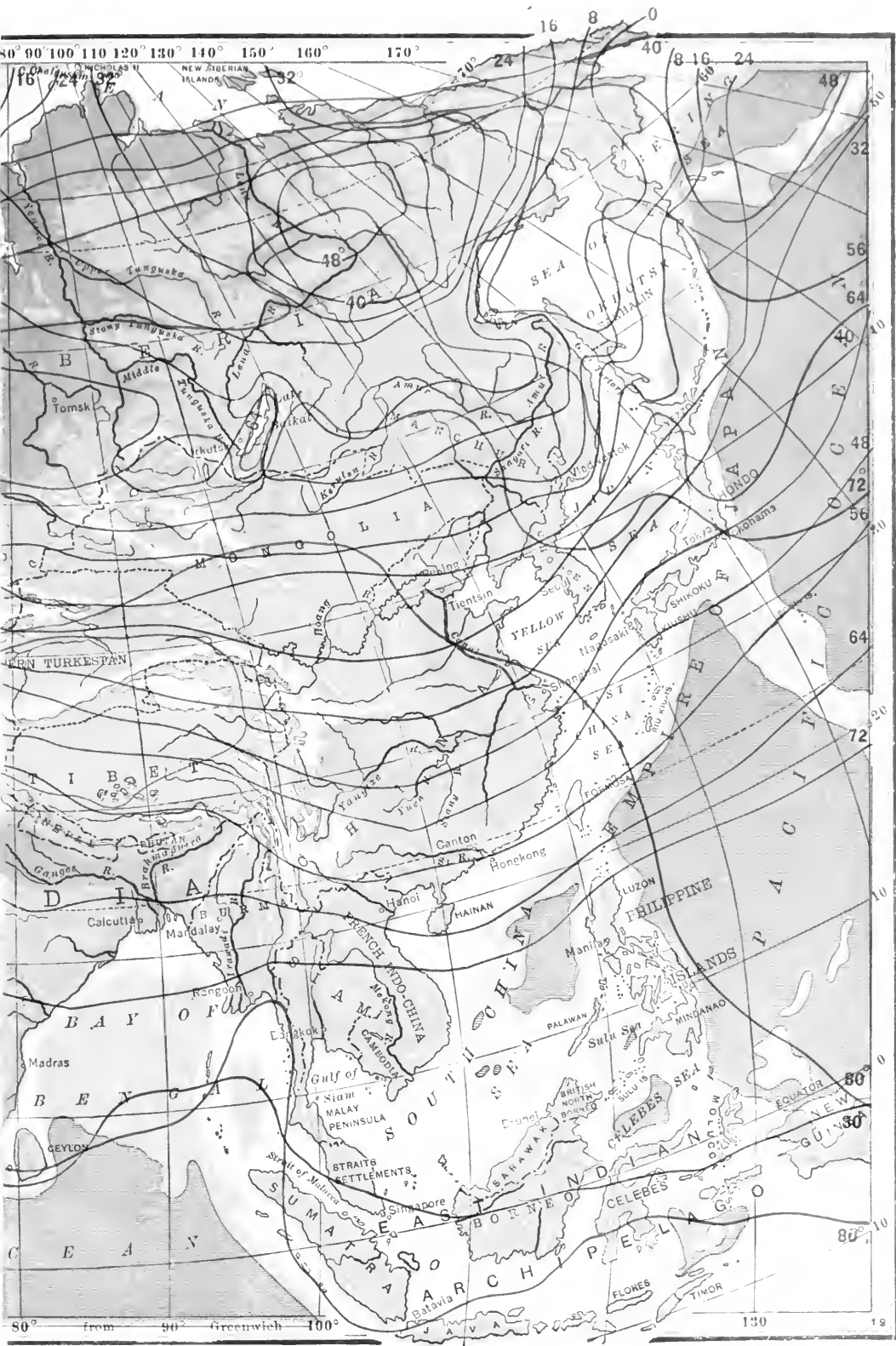


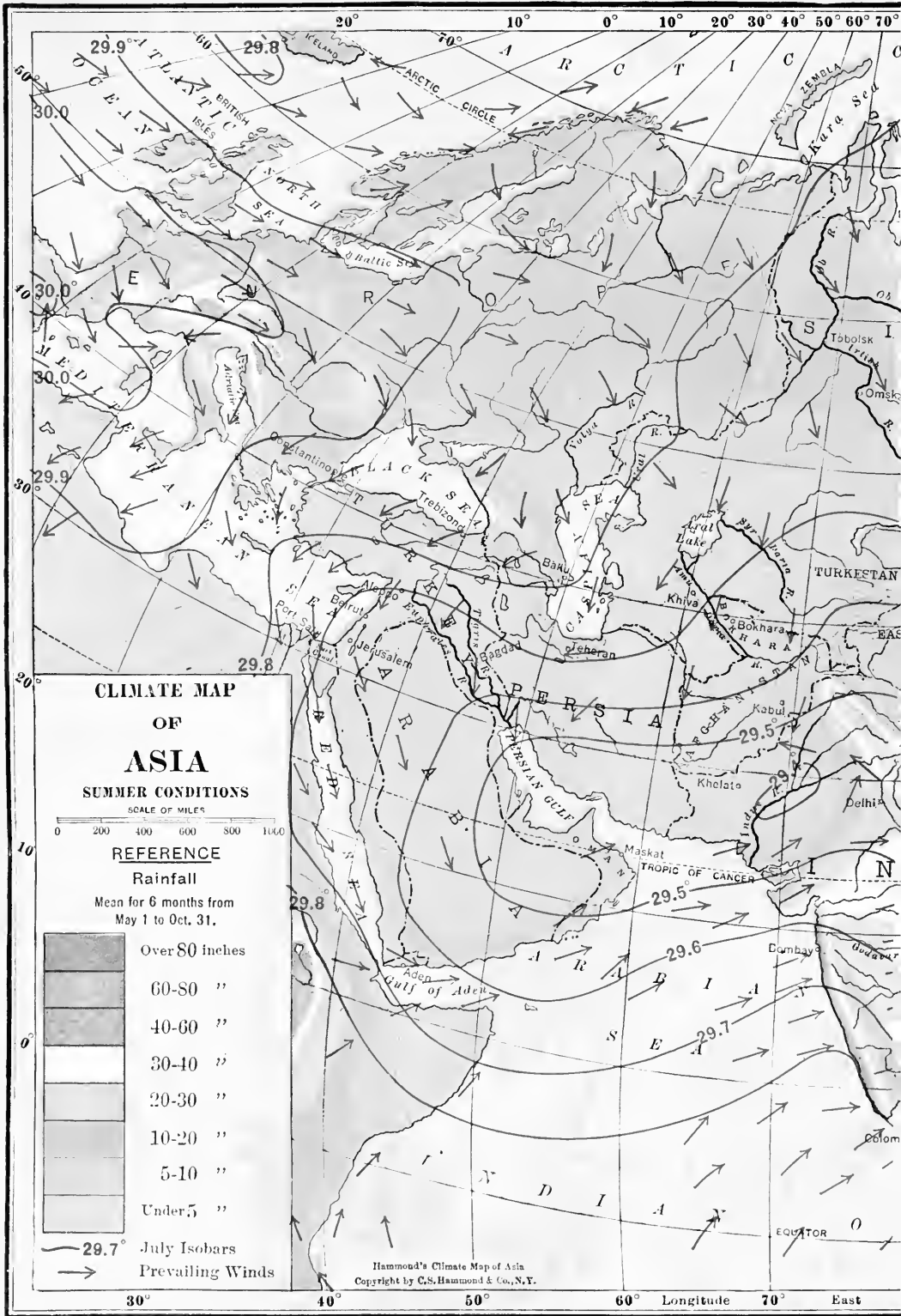
Hammond's Political Map of Asia
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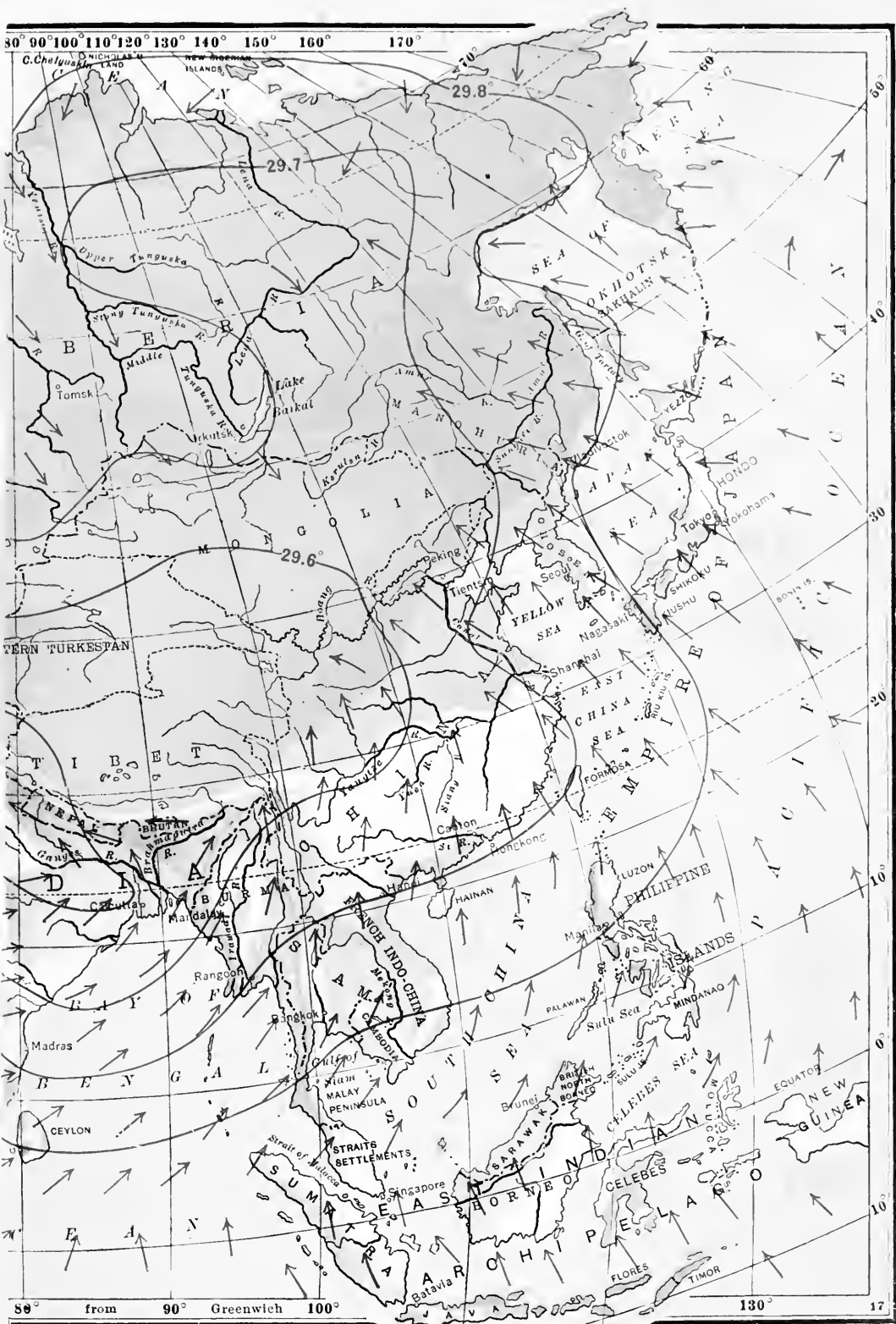
**POLITICAL MAP
 OF
 ASIA**
 SCALE OF MILES
 0 200 400 600 800 1000 1200 1400 1600

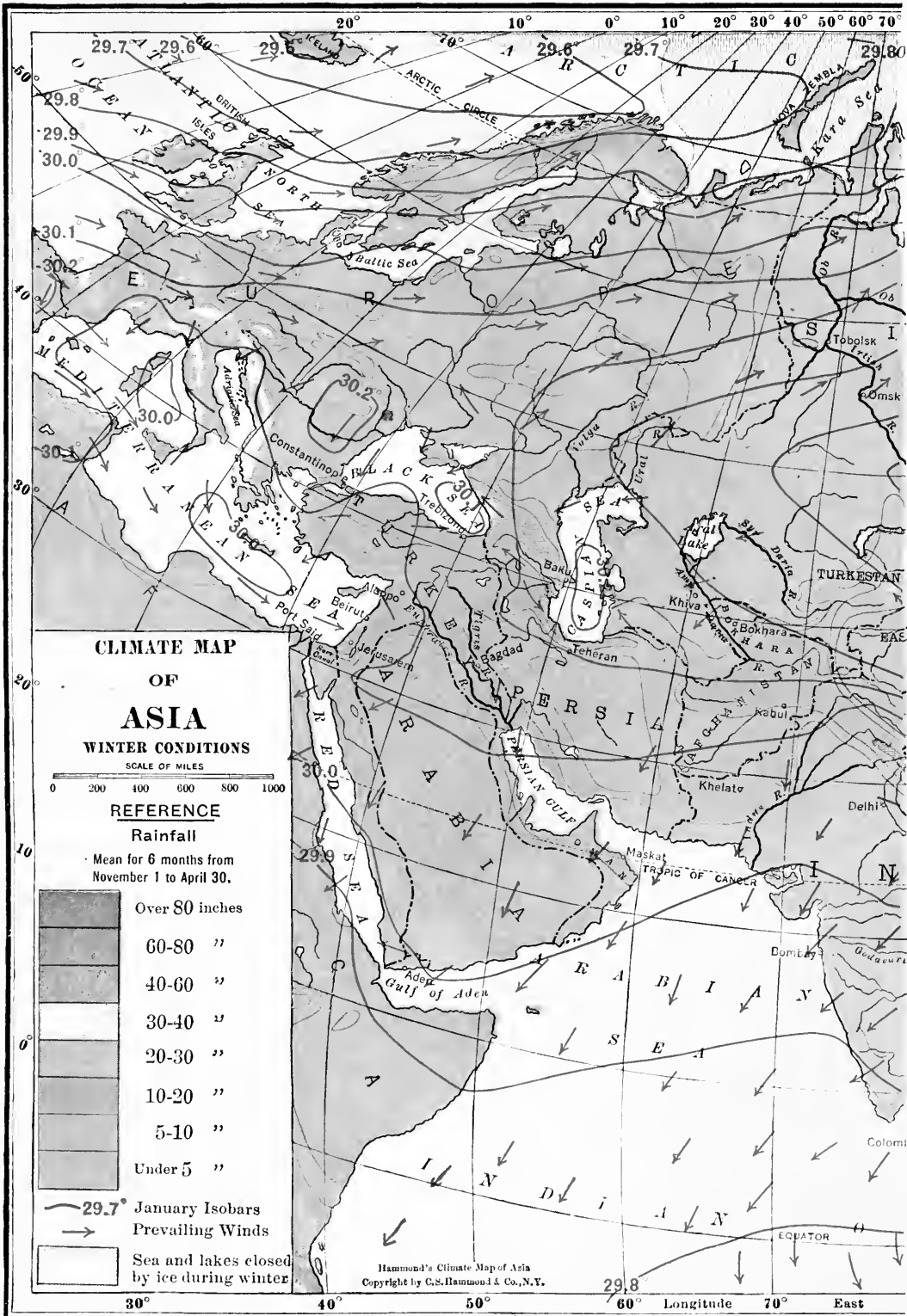
Railroads
 Prohibited Railroads

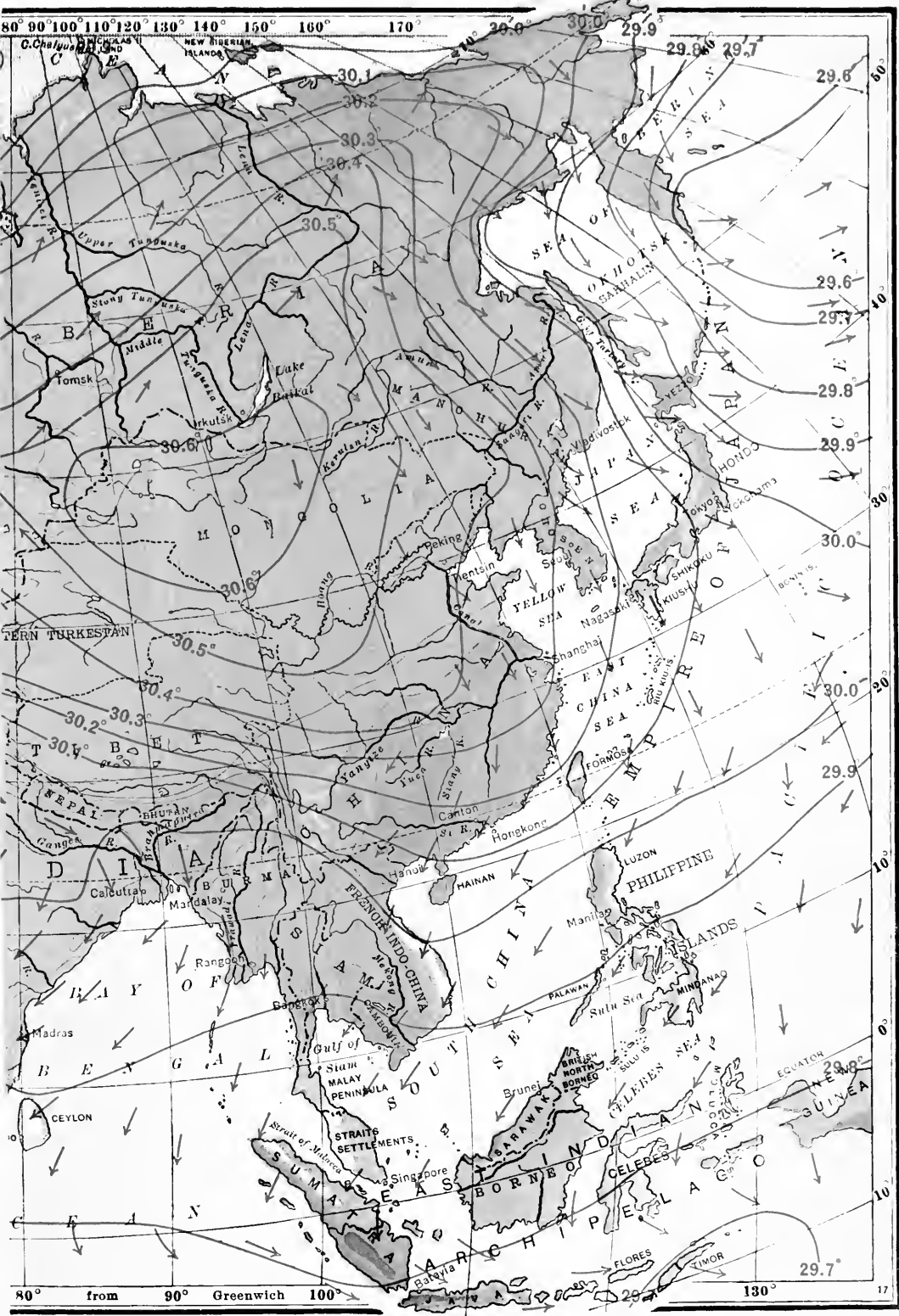


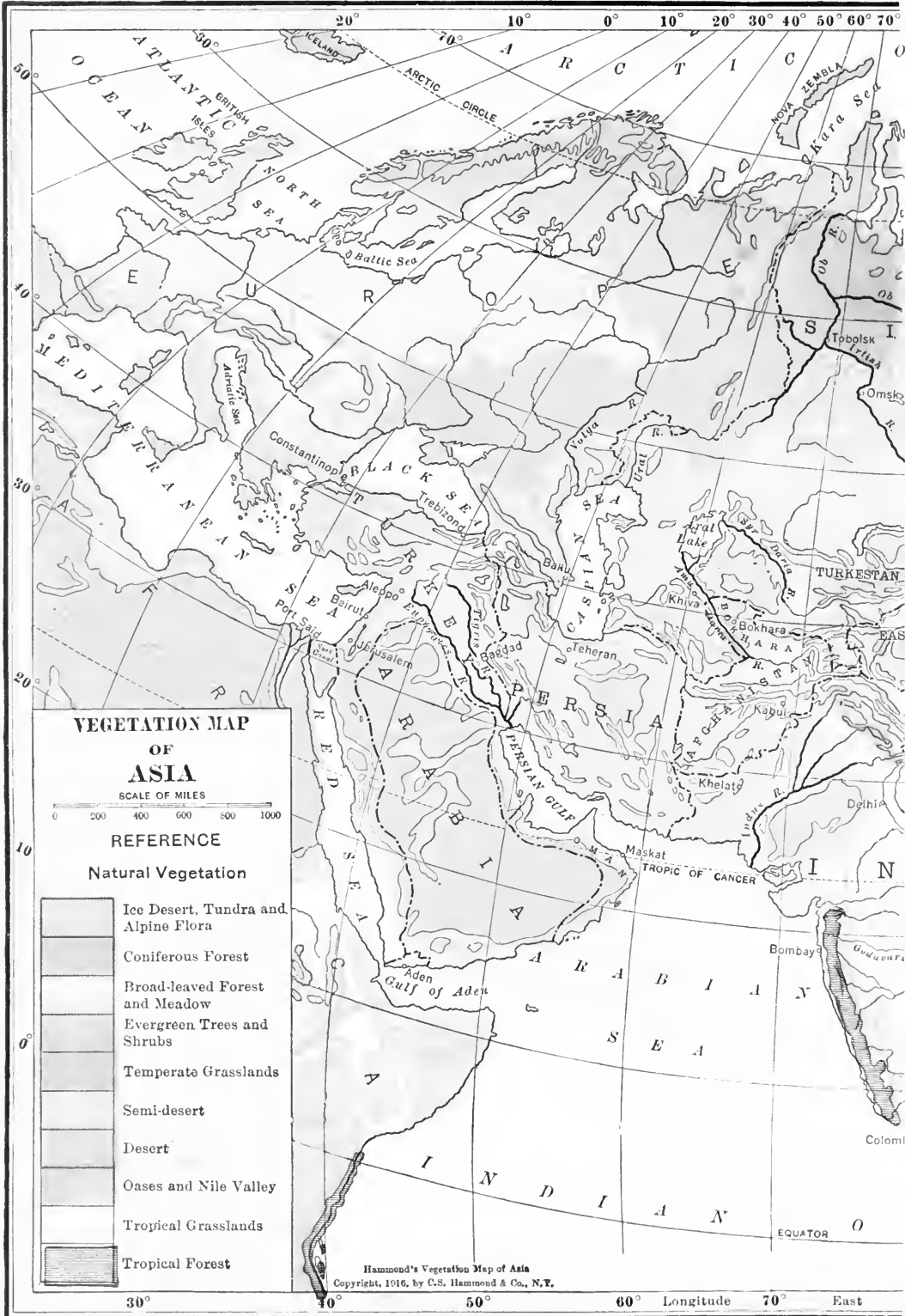










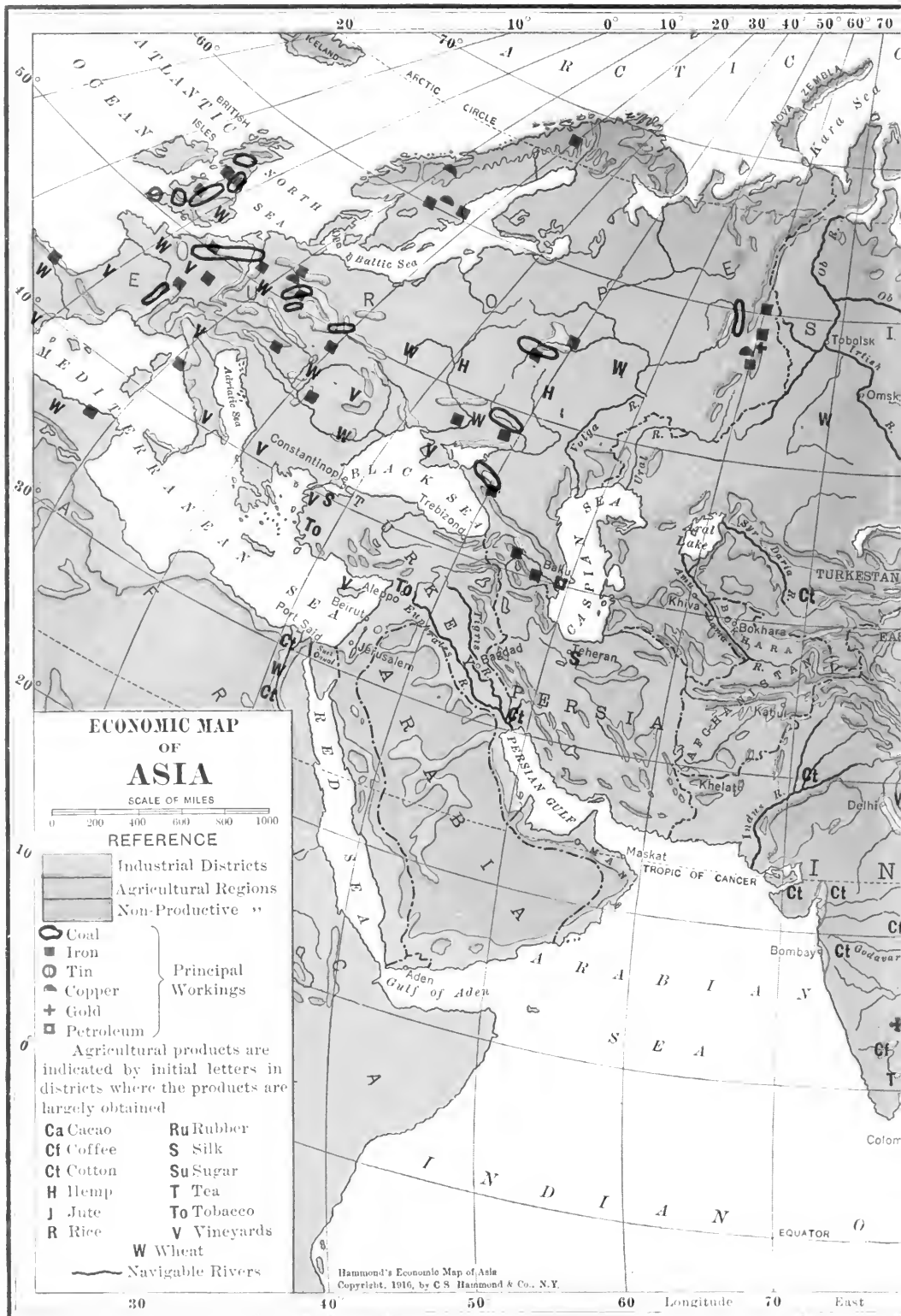


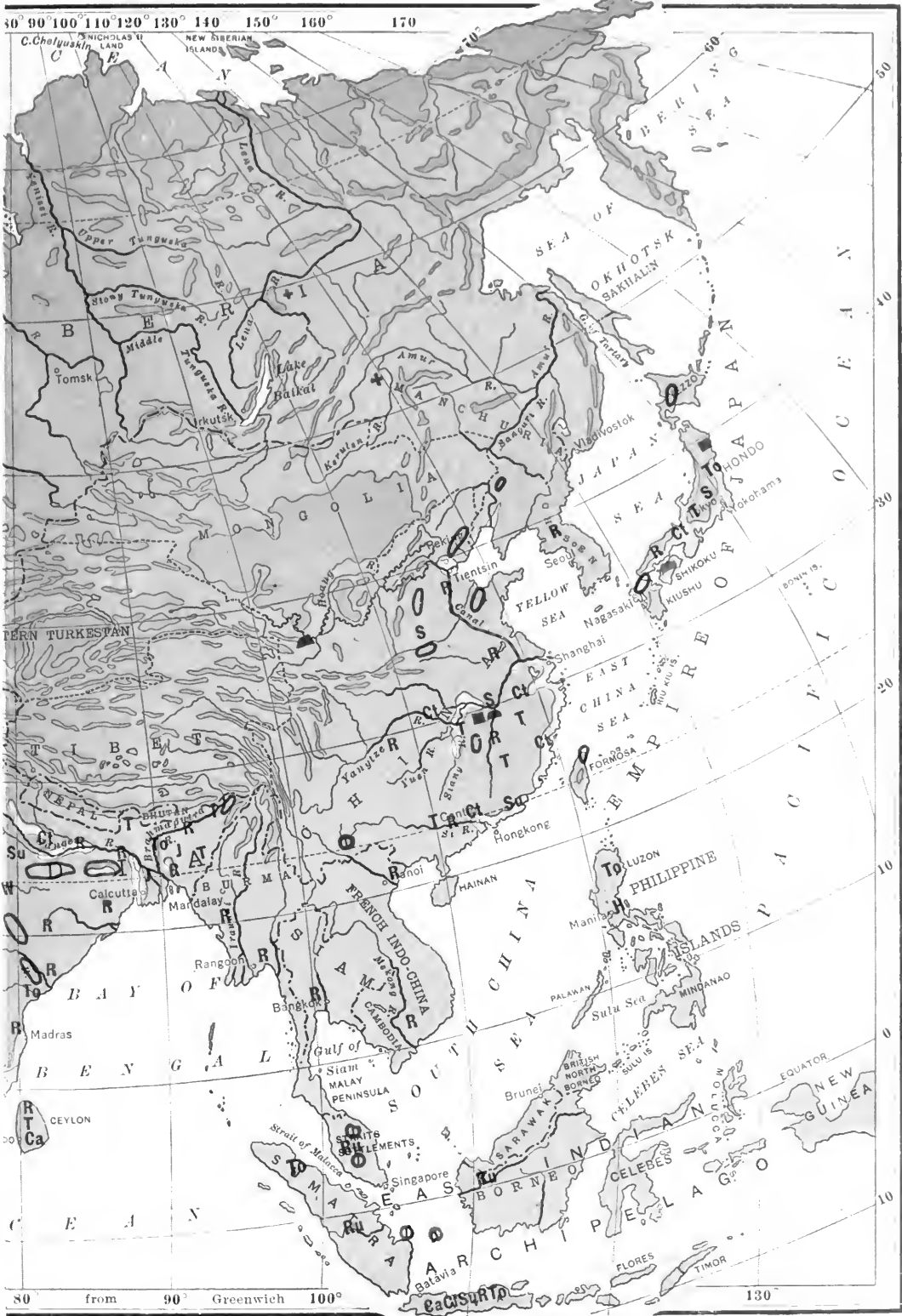


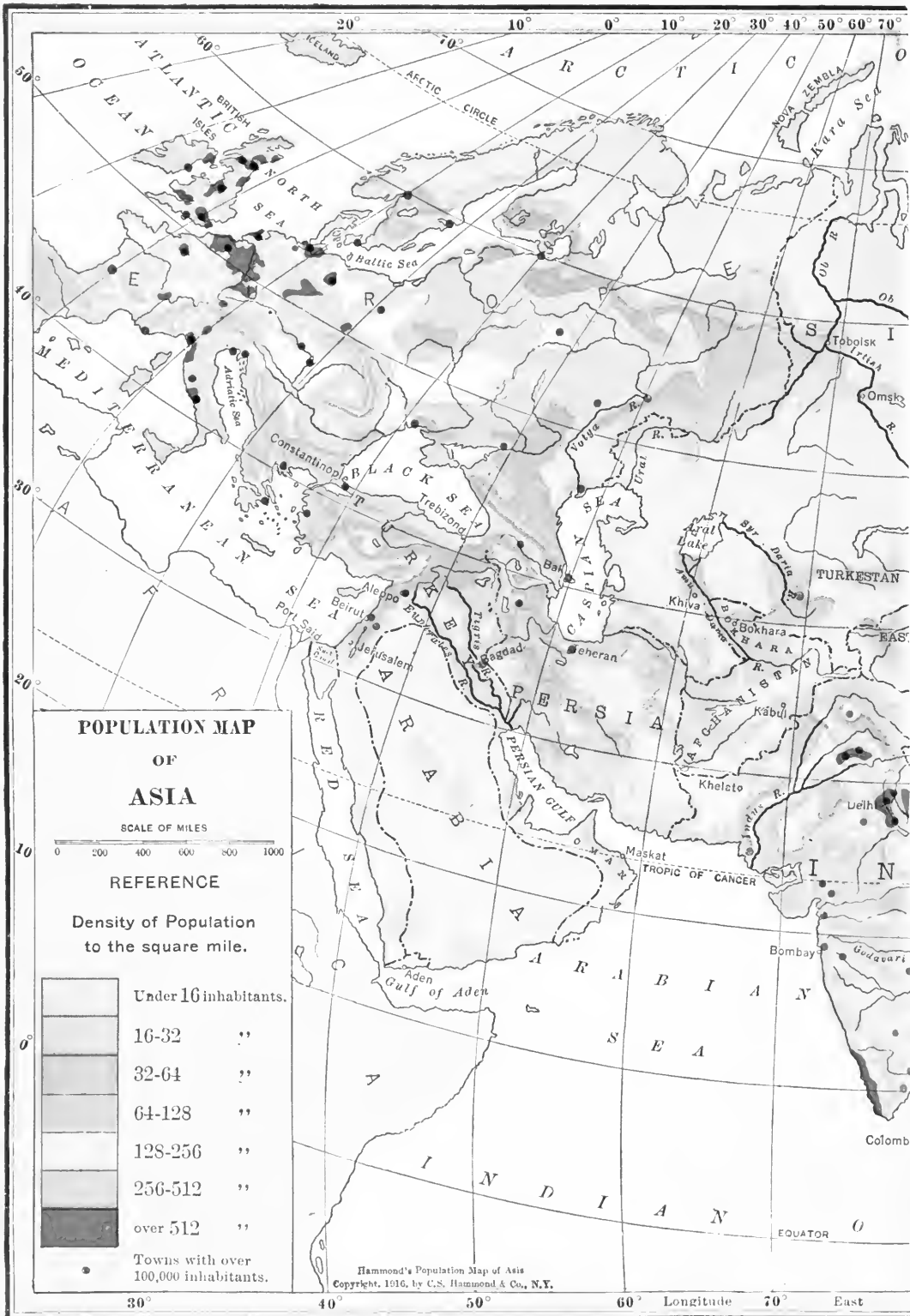
80° 90° 100° 110° 120° 130° 140° 150° 160° 170°

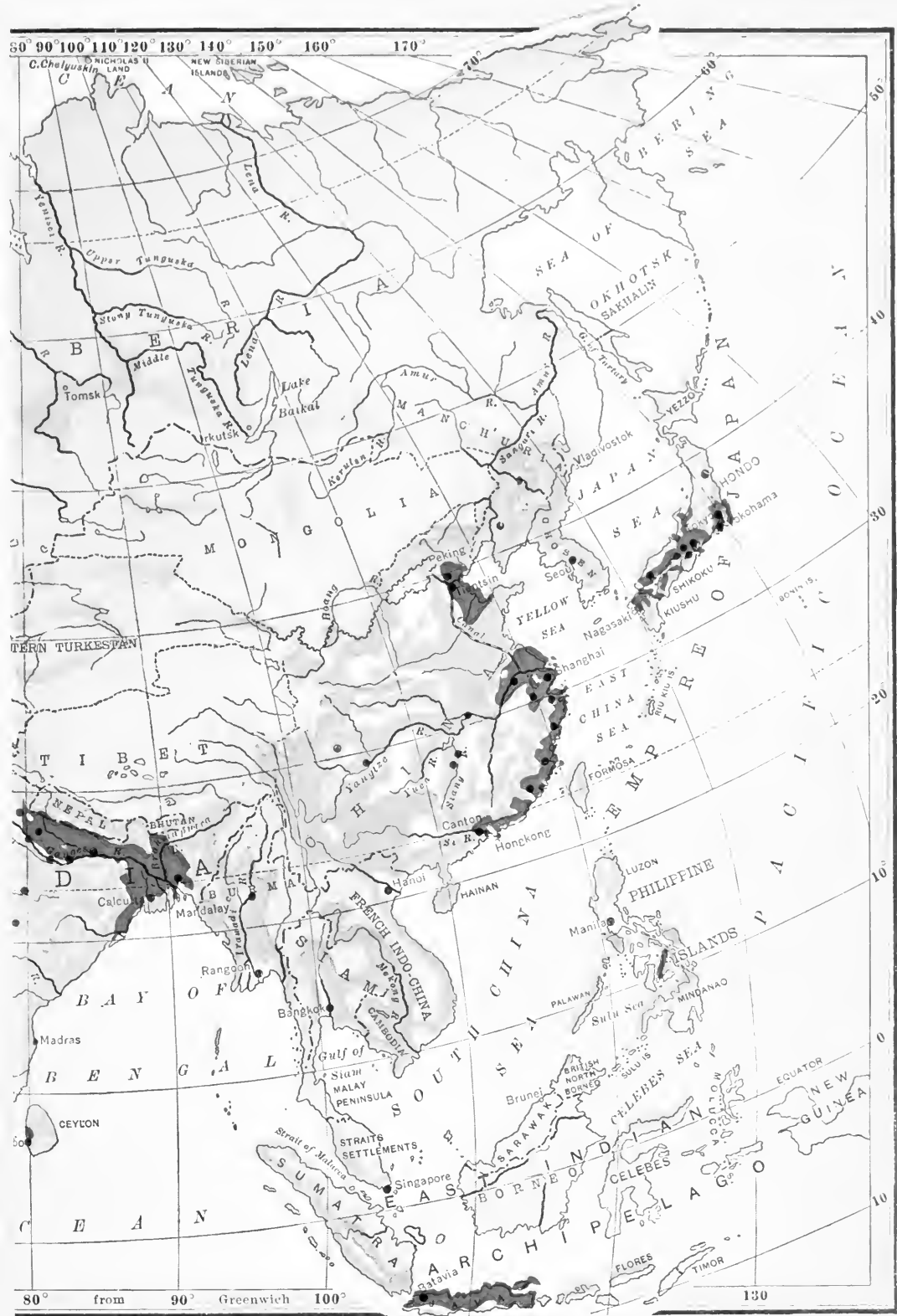
80° from 90° Greenwich 100°

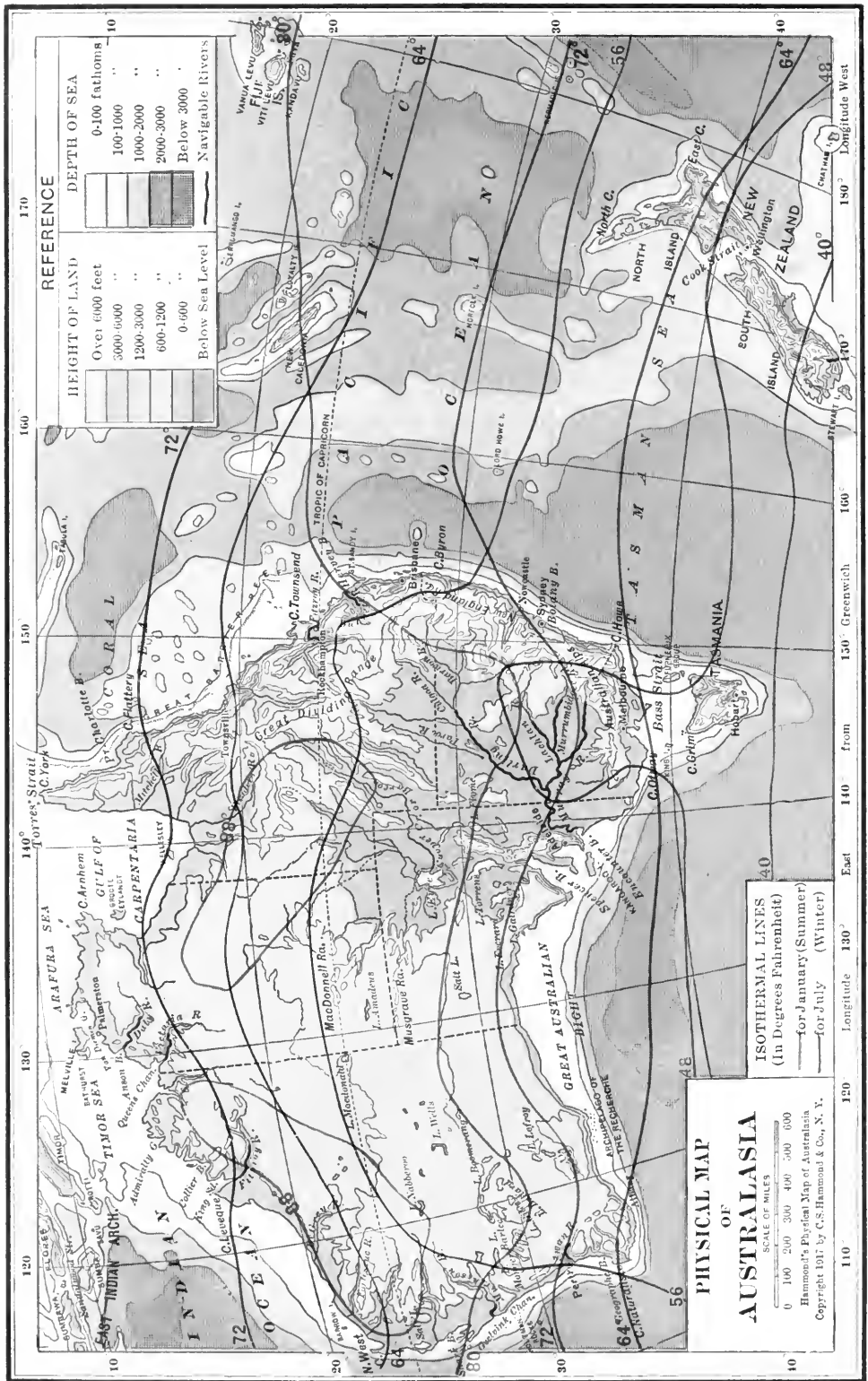
130

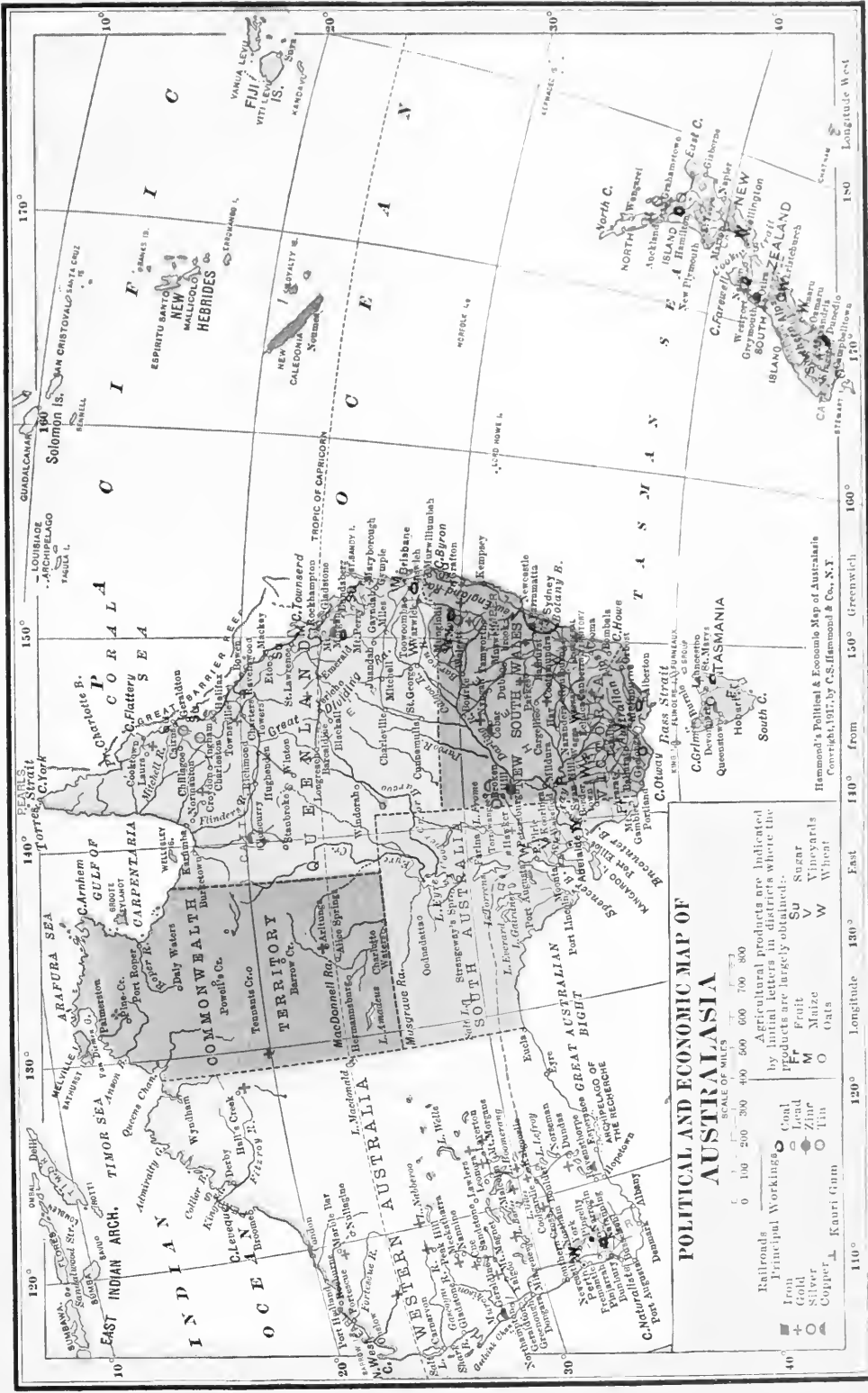












POLITICAL AND ECONOMIC MAP OF AUSTRALASIA

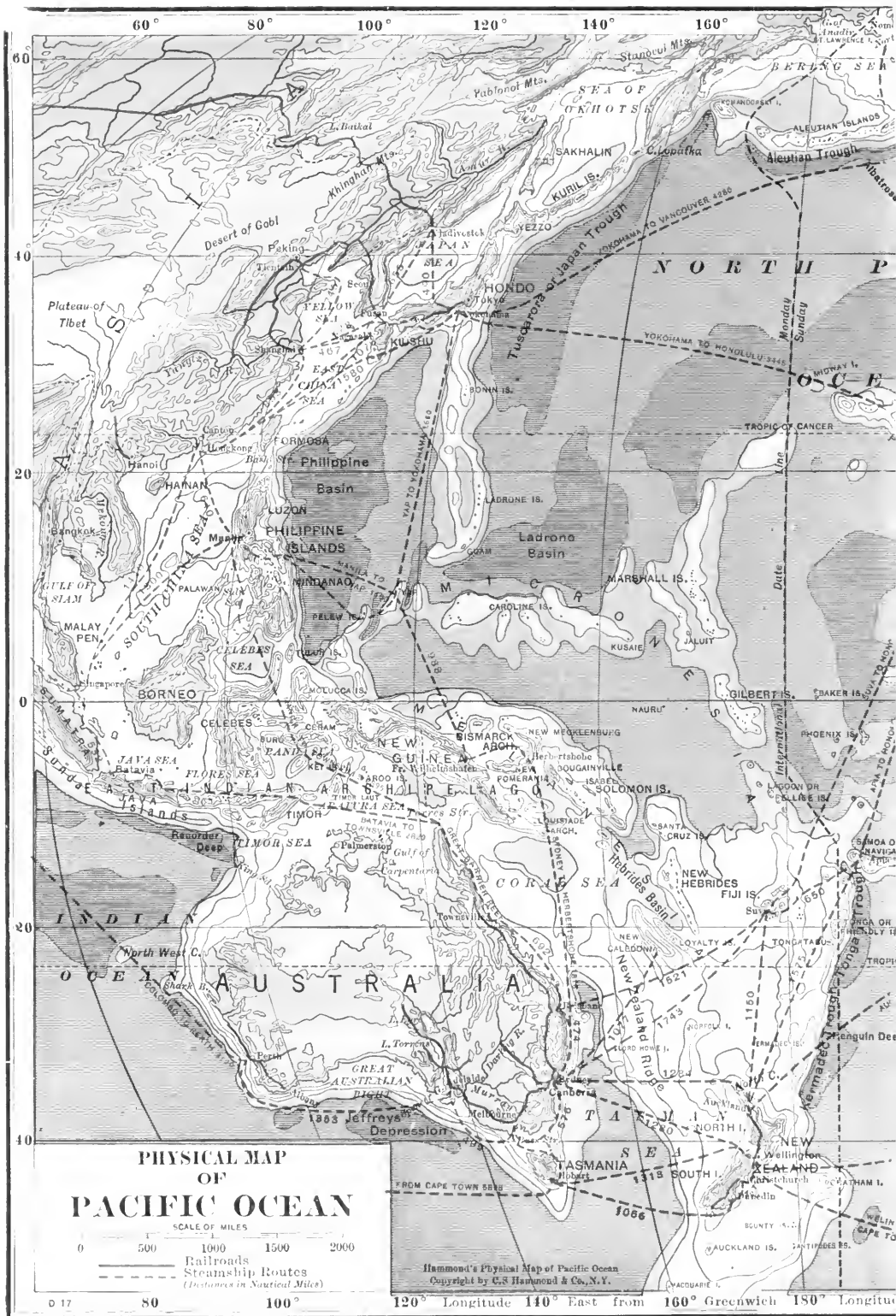
SCALE OF MILES
0 100 200 300 400 500 600 700 800

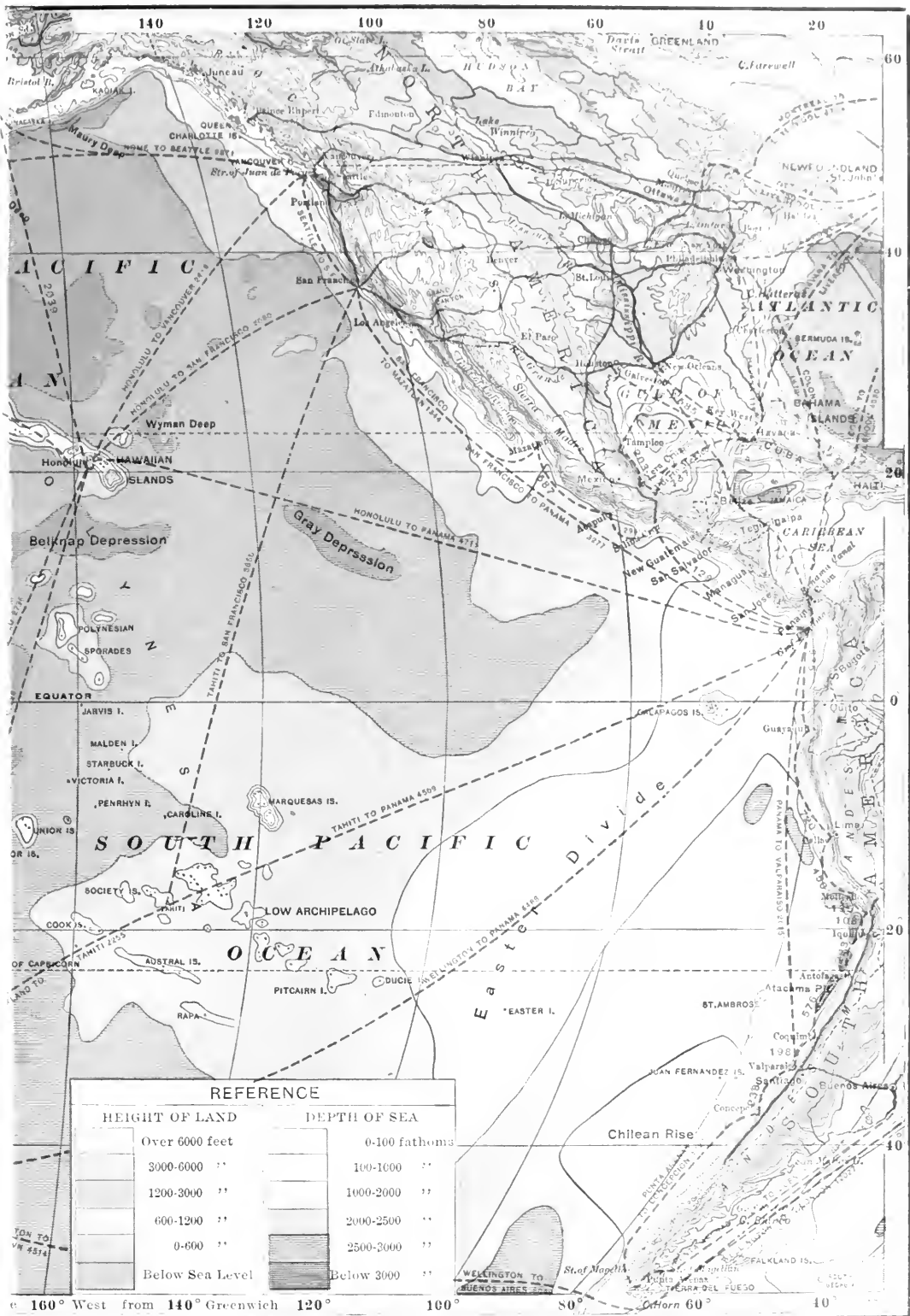
Agricultural products are indicated by initial letters in districts where the products are largely obtained.

<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">■</td><td>Railroads</td> <td style="text-align: center;">○</td><td>Coal</td> </tr> <tr> <td style="text-align: center;">+</td><td>Iron</td> <td style="text-align: center;">●</td><td>Lead</td> </tr> <tr> <td style="text-align: center;">x</td><td>Gold</td> <td style="text-align: center;">◐</td><td>Zinc</td> </tr> <tr> <td style="text-align: center;">●</td><td>Silver</td> <td style="text-align: center;">○</td><td>Maize</td> </tr> <tr> <td style="text-align: center;">◐</td><td>Copper</td> <td style="text-align: center;">○</td><td>Oats</td> </tr> <tr> <td style="text-align: center;">L</td><td>Kauri Gum</td> <td style="text-align: center;">○</td><td>Wheat</td> </tr> </table>	■	Railroads	○	Coal	+	Iron	●	Lead	x	Gold	◐	Zinc	●	Silver	○	Maize	◐	Copper	○	Oats	L	Kauri Gum	○	Wheat	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">A</td><td>Artificial</td> </tr> <tr> <td style="text-align: center;">S</td><td>Sugar</td> </tr> <tr> <td style="text-align: center;">V</td><td>Viticulture</td> </tr> <tr> <td style="text-align: center;">W</td><td>Wheat</td> </tr> </table>	A	Artificial	S	Sugar	V	Viticulture	W	Wheat
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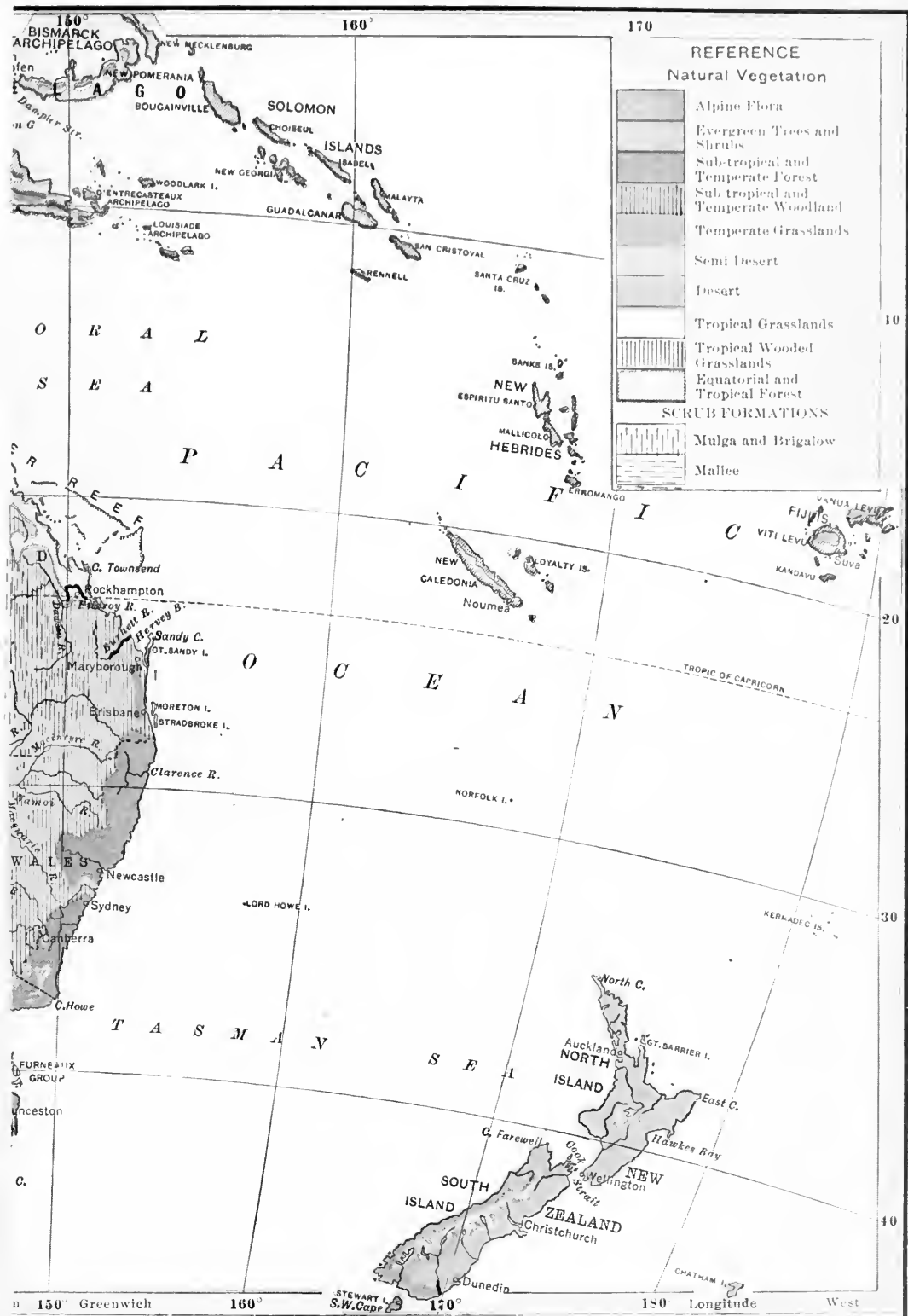
Longitude 120° East from 130° West
Longitude 130° East from 140° West
Longitude 140° East from 150° West
Longitude 150° East from 160° West
Longitude 160° East from 170° West
Longitude 170° East from 180° West

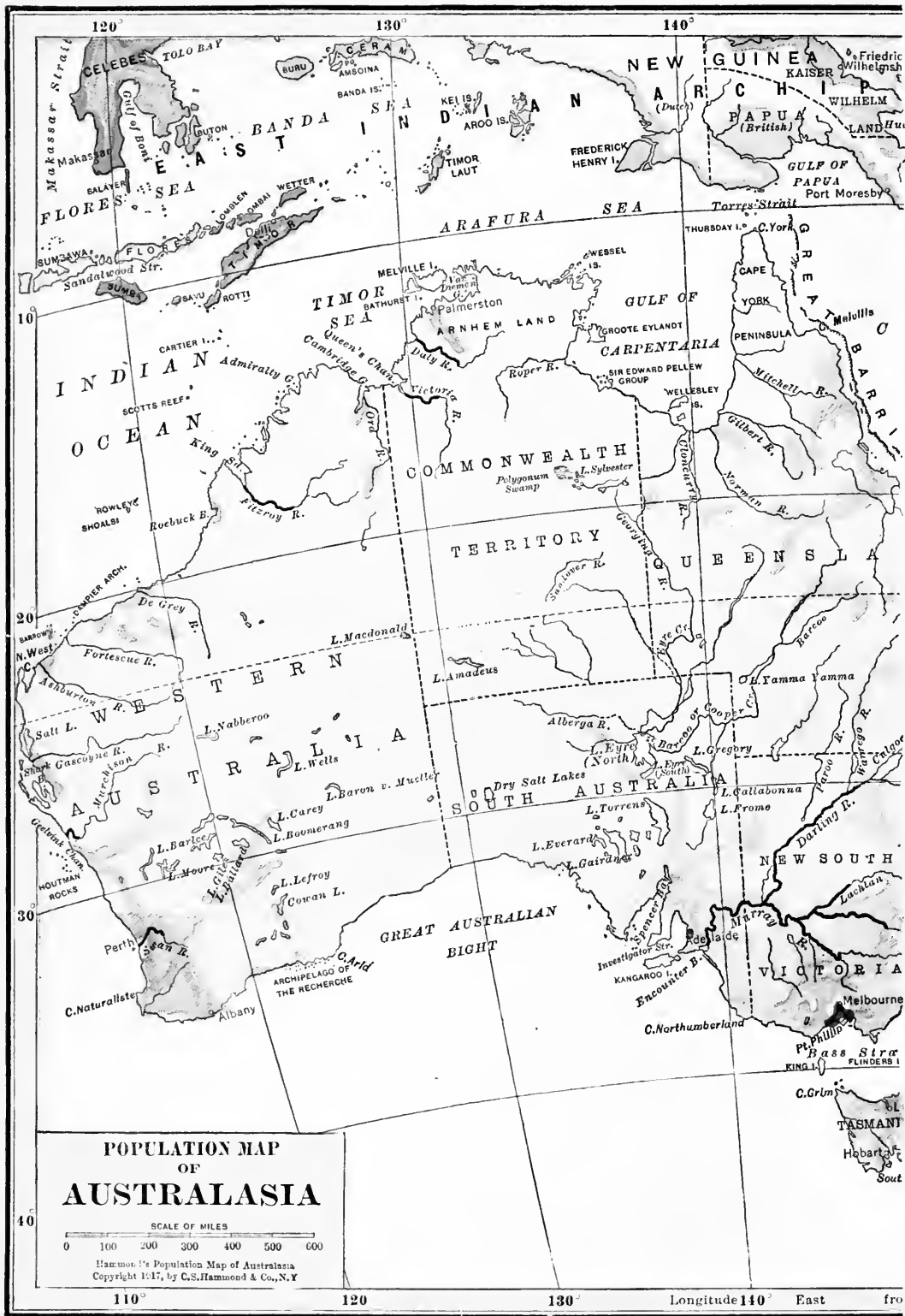
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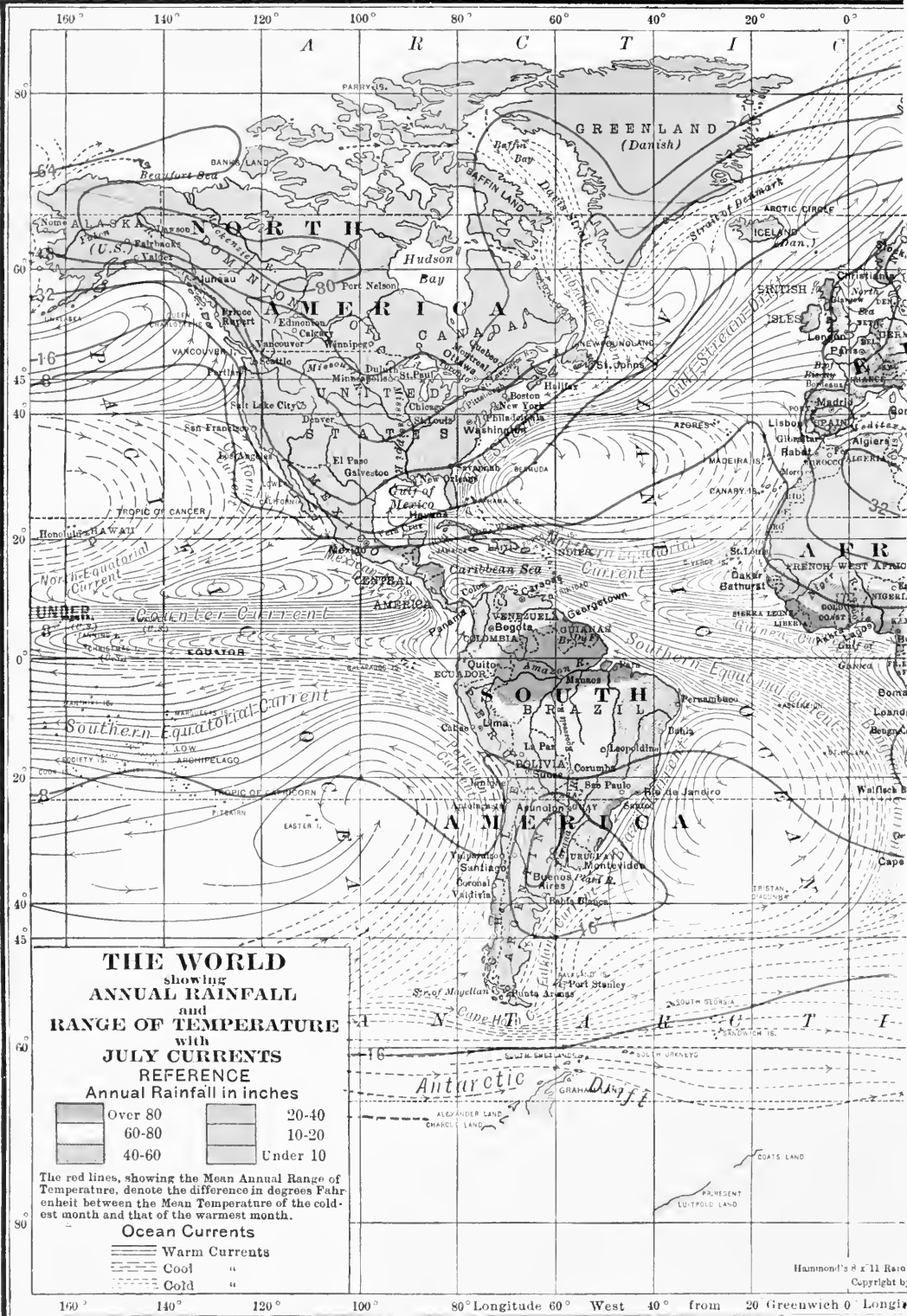










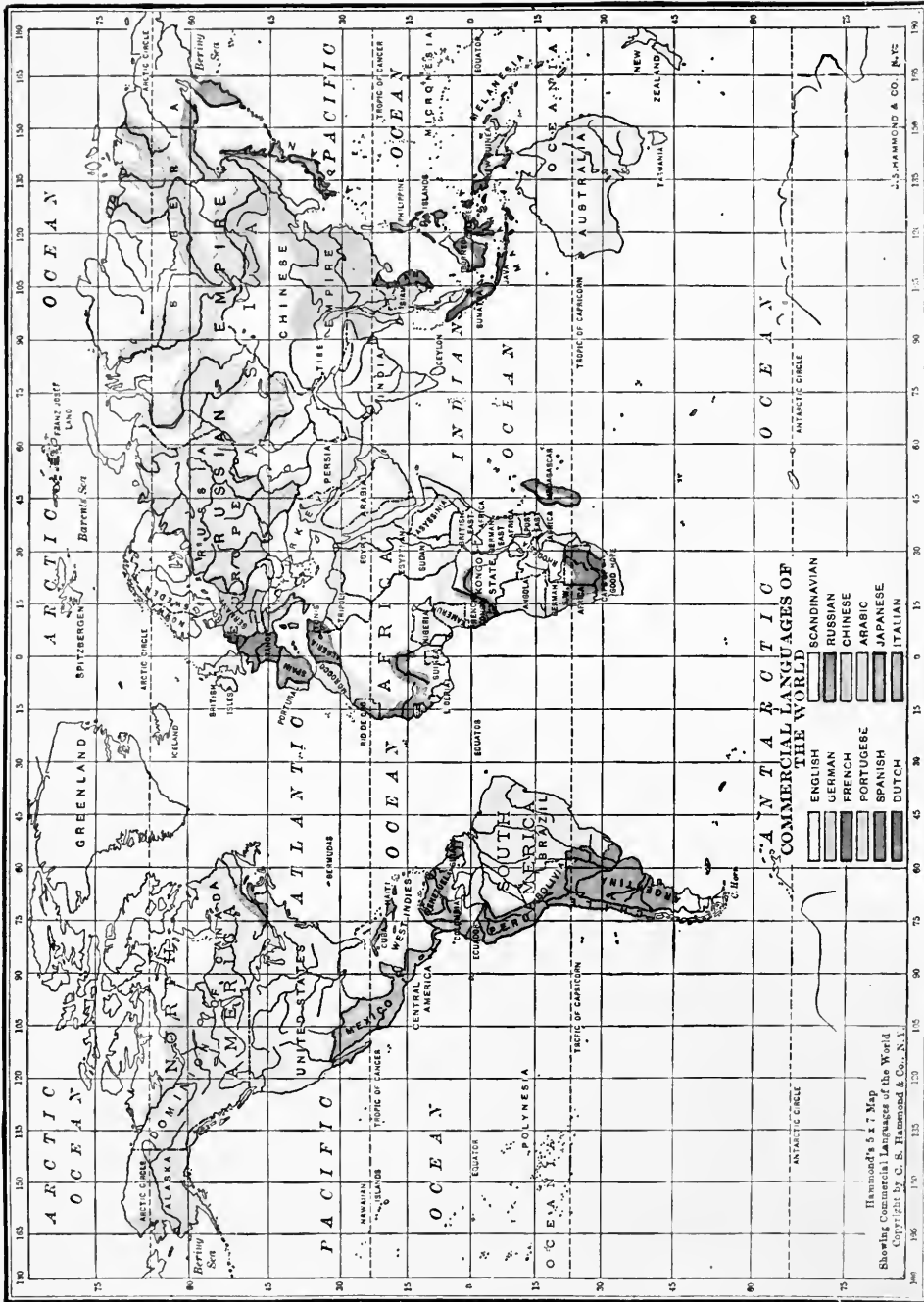




all and Temperature Map of the World
 C.S. Hammond & Co., N.Y.

ude 20° East 40° from 60° Greenwich 80° 100° 120° 140° 160° 180° 18





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 Showing Commercial Languages of the World
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