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## **PREHISTORIC ERA**

### Arabian or Persian Gulf

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Lake Mungo Archaeological Site

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The Leakey Family

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Mimi Figures, Bradshaw Paintings

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Monsoon Cycle

Courtesy of <http://orias.berkeley.edu/spice/images/MonsoonMap.jpg>

Mt. Toba Ash and Volcanic Winter

Courtesy of Climate Change Institute, University of Maine

Mt. Toba, Sumatra

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- 2-3. © Sarawak Museum, Malaysia

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### World Map of Human Migration

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## **ANCIENT**

### **Arabian (Persian) Gulf**

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### **Arabian Peninsula**

© NASA, Washington, DC

### **Assyrian Trading Colonies**

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### **The Austronesians**

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### The Earliest Boats: Wooden and Reed

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### Earliest Recorded Naval Battle

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### Eel Traps and Aquaculture Channels

1. Edgar R. Waite, *Illustrated Catalogue of the Fishes of South Australia*, G. Hassell & Son, Adelaide, 1921. Fig.72
- 2-3. Courtesy of Anna Salleh, ABC Science Online

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### The Epic of Gilgamesh

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### Lapita Ceramics

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### Lothal

Courtesy of Frances Pritchett, Columbia University

### Magan

Oman: A Seafaring Nation. Ministry of Information and Culture, The Sultanate of Oman: Muscat, p.17, 1979.

### Magan Boat

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### Meluhha

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### Monsoon Cycle

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### Nile River

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### Pottery

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### Punt

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### The Royal Cemetery of Ur

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### Stone Carving of King Ur-Nanshe

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## CLASSICAL ERA

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### Alexandria

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### Ancient Fishing Crafts

© The Museum of the Frankincense Land

### Andaman Islands

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### Angkor Borei and Oc Eo

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### Arikamedu

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2. © Musée Guimet, Paris

### Arya Sura's Jatakamala Stories

Courtesy of the Indira Gandhi National Centre for the Arts (IGNCA), New Delhi

### Ashoka

Courtesy Columbia University

### Ban Don Ta Phet Cemetery

1. © Ian Glover, Courtesy of the Bead Study Trust
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### Banana

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### Barigaza

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### Bay of Bengal

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### Berenike

Courtesy of Cardiff University, UK

### Camel Saddle

1. Painting by Louis Linant de Bellefonds from Léon de Laborde's *Voyage en Arabie Pétrée*, 1830.
- 2-3. © The Trustees of the British Museum
4. © DK Images, London

### Camels and Date Production

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### Canal from the Nile to the Red Sea

1. Courtesy of Benoît Heimermann, *Suez and Panama pharaohcanal.jpg*
2. Courtesy of NASA, Washington, DC

### Chhien Han Shu

### Cinnamon and Cassia

- 1-2. Courtesy of UCLA Biomedical Library, Los Angeles

### Cinnamon in the Histories of Herodotus

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### Cloves

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### Coin with Ship Symbol

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### Dongson Drum

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### Hindu Scripture: Vishnu and the Universal Ocean

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From *The Histories of Herodotus* by Herodotus

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### Isodorus of Charax

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### Kushan Gold Coin

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### Lost City of Ubar

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### Mangrove Poles, Tortoise Shells, Ivory, and Rhinoceros Horn

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2. Photograph by Rowland Ward, Kenya, 1928, Courtesy of the Rhino Resource Center

### Millet

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From *Natural History* by Pliny the Elder

### Navigation by Polaris

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### Pepper

Courtesy of University of Leicester, Archaeology Dept., UK

## Periplus of the Erythraean Sea

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## Phoenician Ship

© Beirut National Museum, Beirut

## Punch-Marked Coins

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2. Courtesy of Emran Hossain, "Wari-Bateshwar one of earliest kingdoms", *The Daily Star*, March 19, 2008

## Roman Coins in India

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## Strabo the Geographer

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Sugar Cane

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Taklamakan Desert

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2. Courtesy of Joseph Adler, Kenyon College, Gambier, OH

Vyadhapura, Capital of Funan

1-2. Courtesy of Dr. Miriam Stark, and the Lower Mekong Archaeological Project, Department of Anthropology, University of Hawaii, 1999

Zhang Qian

## MEDIEVAL ERA

Allan bin Hassun, A Jewish merchant from Cairo

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2. Courtesy Tour Egypt

Al-Idrisi Map of the World, Arabian Peninsula

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Angkor Wat, Cambodia

- 1-2. Public domain, photographer unknown
3. Courtesy of China Daily

Arab Dhow

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Astrolabe

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2. © Museum of the History of Science, London
3. © National Maritime Museum, London

Austronesian Ships to Oceania

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2. © Seven Oceans Video

Bananas

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2. Courtesy of Watson, Andrew. *Agricultural innovation in the early Islamic world*, New York: Cambridge University Press, 1983.

Batik

- 1-2. Courtesy of Living in India: A Site for Expatriates

Belitung Shipwreck

- 1-4. © Maritime Explorations, Singapore

Block Printed Indian Cotton to Egypt, 12th Century

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Blue-and-White Porcelain

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#### Calicut

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#### Chinese Junk, Song Dynasty, 1271 CE

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- 2-3. Vancouver Maritime Museum, British Columbia, Canada

#### Chittagong

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#### Cirebon Shipwreck

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#### Cloves

1. Courtesy of Mountview Homestay, Kerala, India
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#### Cobalt Dish from Basra, Iraq

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#### Coir - Coconut Rope

- 1-2. Courtesy of Joseph E. Armstrong, Illinois State University, Normal, IL

#### Cyclones

1. Courtesy of Atlantic Oceanographic and Meteorological Laboratory, Miami, FL
2. Public domain

#### Fa Hsien, Buddhist Traveler

1. Fa-hsien image on book cover, *Fa-hsien: A Record of Buddhist Kingdoms*
2. Original Map by James Legge, *Fa-hsien: A Record of Buddhist Kingdoms*, 1886, Courtesy of The University of Adelaide, Australia

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### Gil Eanes, Explorer

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### Giraffe of Treasure Ships

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### Great Zimbabwe

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2. Courtesy of DK Images, London
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### Guangzho (Canton), Port on S. China Sea, Sin-Kalan

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### Gunpowder

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### Huaisheng Mosque, Guangzhou, China

1-2. Photographers: Cherie Wendelken and You Huan Zhu, courtesy of Archnet

### The History by Al-Ya'qubi

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### Ibn Battuta in East Africa

Courtesy of San Francisco Unified School District (SFUSD), Horace Mann Academic Middle School

### Ibn Battuta in Morocco

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### Ibn Battuta in the Arabian Sea

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### Ibn Battuta in the Maldives

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### Ibn Battuta on Chinese Ships

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### Ibn Battuta on the Malabar Coast

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### Incense Burner of Arabia

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### Indian Numerals to Arabic Numerals

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2. Courtesy of John Esposito, original from Khawarizmi, *Algebra*

### Indigo Dye Cakes

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### Island of Zanzibar

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### Ivory

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### Kadakkarapally Boat

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### Kaolin Clay

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### Kedah, Bujang Valley Site

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### Kilwa

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### Lateen Sail

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## Magnetic Compass

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## Marco Polo

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2. Courtesy of Barry Gutwein

## Medieval Candy Recipe with Cane Sugar

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## Ming Voyages Stone Stele

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## Nutmeg and Mace

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## Origin of the Teapot

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## Papal Bull of 1454, Issued by Pope Nicholas V to Henry the Navigator

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## Pepper

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## Pilot Chart, Sulaiman ibn Ahmad al-Mahri (ca. 917 CE)

## Polynesian Stick Maps

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Porcelain on Bagamoyo Pillar Tomb, Tanzania  
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Prince Henry the Navigator of Portugal  
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Quran - Surat al Quraysh  
1. Courtesy of Nasser Rabbat, Massachusetts Institute of Technology (MIT)

Quran, Verses on Ships and Sailing  
Courtesy of Humsafar.info

Rabbi Benjamin of Tudela  
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Rhino Horn  
1. Courtesy of the Public Broadcasting System (PBS)  
2. Courtesy of the Houston Zoo

Siraf, Home of Pearl Divers  
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2. © Cultural Heritage News (CHN) Photo Agency

Sofala  
Braun and Hogenberg, *Civitates Orbis Terrarum*, 1572

Sohar  
1-2. Courtesy of UNESCO World Heritage Centre

South China Sea  
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Sri Vijaya Kingdom  
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The Stern Rudder for Steering Ships  
1. Römisch-Germanisches Museum, Köln, Germany  
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The Strait of Malacca  
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### Tea

Courtesy of Jason Fasi

### Treaty of Tordesillas, 1494

- 1-2. Courtesy of the Museu de Marinha (Maritime Museum), Lisbon, Portugal
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### Wooden Ceiling of the Kaaba in Makkah

- 1-2. Courtesy of Hajjguide.org

### Wootz Steel

1. Courtesy of Motoyasu Sword Forum Magazine
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### Xian, Chinese Stele of 781

1. Frits Holm/Paul Caris, Ed.: *The Nestorian Monument*, 1909/Courtesy Daniel Waugh, Silk Road Seattle.
2. Courtesy of ChinaTravelDepot.com

### Yemeni Ikat Shawl

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### Zheng He, First Expedition (1405-1407)

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### Zheng He (Third and Fourth Ming Expeditions)

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### Zheng He (Fifth, Sixth and Seventh Ming Expeditions)

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## FIRST GLOBAL ERA

### Aden, Yemen

- 1-2. Braun and Hogenberg, *Civitates Orbis Terrarum*, 1572

### Admiral Sidi Reis

1. © HowStuffWorks, Inc.

### Ahmad Ibn Majid

1. Courtesy of Saudi Aramco World, Houston, TX
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### Aztec Pouring Chocolate

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### Blue-White Porcelain Teaset from China

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### British East India Company Coat of Arms

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### Bugis Traders and Mariners

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### Calcutta (Kolkata)

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### Cannon - Bearing Ships

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### Canton

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### Cape of Good Hope

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### Captain James Cook

1. Courtesy of CIA World Factbook and Demis Map Server
2. Courtesy of John Platek

### Captain William Kidd

Courtesy of UnderwaterTimes.com (cannon)

### Caravel

Henry C. Murphy. *The Voyage of Verrazzano: A Chapter in the Early History of Maritime Discovery in America*. New York, 1875. Courtesy of the Atlas of Canada.

### Carrack, or Nau

Courtesy of the Mariners' Museum, Newport News, Virginia

### Carreira da India

Courtesy of Fernando Gil

### Ceylon

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### The Chronometer

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### Citrus Juice and Scurvy

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### Coffee

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### Convict Colony at Botany Bay

1. © William Bradley, 'A Voyage to New South Wales', December 1786 - May 1792. Courtesy of State Library of New South Wales, Australia
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### Cotton

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### *Decades of Asia* by Joao de Barros

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### Dirk Hartog's Pewter Plate

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### Diu

Courtesy of Frances Pritchett, Columbia University

### Dodo Bird

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### Dungarees (Jeans)

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### Ebony

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### Estuaries on the Indian Coast

Courtesy of National Institute of Oceanography, Goa, India

### Ferdinand Magellan in Spain

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### Floral Cotton Chintz

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## Goa

Braun and Hogenberg, *Civitates Orbis Terrarum*, 1572

## Gold, Girona Shipwreck

- 1-2. © Ulster Museum Folk and Transport Museum, UK
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## Gold, Ivory, and Copper

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2. Courtesy of Dr. James R. Lee American University
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## Gujarati Traders

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## Hugo Grotius, Mare Liberum (Freedom of the Seas) 1609

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## Inter Caetera of 1493

Courtesy of Corridoio Vasariano Museum, Florence, Italy

## Ivory

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## Jan Pieterszoon Coen, Governor General, VOC

1. Courtesy of De VOC Site
2. Batavia, circa 1600, by John Ogilvy. Image courtesy of Brian Hooker, "In the name of the son", *Mercator's World*, July/August, 1998, 3(4)

## Kilwa

1. Braun and Hogenberg, *Civitates Orbis Terrarum*, 1572
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## Kunyu Quantu and Kangnido Chinese Maps

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Carl L. Johannessen and Anne Z. Parker, "Maize Ears Sculptured in 12th and 13th Century A.D. India as Indicators of Pre-Columbian Diffusion," *Economic Botany* 43, 1989, 164-80

## Malay Account of Portuguese in Malacca

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The Ministry of Information. (1995). *Oman in History*. London: Immel Publishing

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### Merekani Cotton Fabric as African Fashion

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### Mobile Food Refrigeration

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3. *Oriental Rugs the O'Connell Guide*. © Barry O'Connell 2004 - 2009

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### Rattan Furniture

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