SRI LANKA AND THE SILK ROAD OF THE SEA

Editors
Senake Bandaranayake
Lorna Dewaraja
Roland Silva
K.D.G. Wimalaratne



THE SRI LANKA NATIONAL COMMISSION FOR UNESCO and THE CENTRAL CULTURAL FUND COLOMBO 1990

Front Cover: The Jetavana terracotta jars, Anuradhapura, circa 2nd-3rd century AC.

The selection of terracotta jars, illustrated on the front cover, is from the excavations at the Jetavana Vihara, Anuradhapura. These jars, between 10 and 20cm in height, were found deeply buried at the foot of the colossal Jetavana *stupa*, built in the last quarter of the 3rd century AC. They are a part of the 'Jetavana Treasure', discussed in this volume. These jars and other related ceramic materials are thought to be of Sri Lankan origin, but are based on West Asian and Chinese pottery forms, indicating very early contacts between Sri Lanka and distant lands to the north, east and west. Being essentially containers for precious liquids, and serving in their present context as offerings, the jars reflect a close connection between trade, technology and religion.

These jars – and associated finds, of precious imported objects and locally-produced artefacts – are contextually and stylistically dated between the 1st century BC and the 3rd century AC. Their deposition in the present context can be definitely connected with the construction of the *stupa* by King Mahasen (276-303 AC).

Mahasen was a great innovator, pioneering new ideas in Buddhist tradition and practice and in constructional and irrigation technology. His most ambitious monument, the Jetavana *stupa*, is the largest of the colossal Sri Lankan *stupas* or *dagabas* and is thought to be the largest brick building in the world. Its platform measures 95 metres square the diameter and circumferance at the base of the dome are 112 metres and 352 metres, respectively. The foundations of the dome go down to bedrock, more than 10 metres below the level of the upper basal platform. The stupa originally rose to a height of nearly 135 metres above ground level.

The jars represented here link one of the world's largest monuments with distant countries to the north, east and west of Sri Lanka.

Frontispiece: 'The Return', oil painting on canvas by Ivan Peries, 1956. Anton Wickremasinghe Collection, Colombo.

This painting, 86 x 56cm, is by the Sri Lankan painter Ivan Peries (1921-1988), well-known for his highly evocative paintings of the island's coastal landscape.

Back Cover: Map of Taprobane (i.e. Sri Lanka) from a late 15th or early 16th century edition of Ptolemy's Geography; Department of National Archives, Colombo.

Although Ptolemy's Geography dates from circa 150 AC no extant map or drawing exists from that time. The earliest versions of 'Ptolemaic' maps are found in Greek manuscripts from Byzantine contexts, dating between the 12th and 14th centuries.

The first engraved (copperplate) version of Ptolemy's *Geographia* was printed in Bologna circa 1477 and can be considered the first engraved atlas in the world. Scholars are divided in their opinion whether the Mediaeval and 'Renaissance Ptolemy maps are derived from Ptolemaic originals or are creations of the early map makers, the latter being the more likely situation. The present map is probably a woodcut print by the German cartographer Martin Waldseemuller (c. 1470-1518), editions of whose work were produced in Strassburg and later in Lyon and Vienne.

Design: Albert Dharmasiri and Senake Bandaranayake.

Cover photograph and all colour photographs: I. S. Madanayake – Photodocumentation Unit,

Postgraduate Institute of Archaeology (PGIAR), University of Kelaniya.

Artwork, cartography and word-processing: PGIAR Cartographic and Computer Units.

© 1990. The Sri Lanka National Commission for UNESCO and The Central Cultural Fund, Colombo.

Inquiries to:

The Director-General, Central Cultural Fund, P.O. Box 1531, 212, Bauddhaloka Mawatha, Colombo 7

ISBN 955-9043-02-1

Typeset and printed by Gunaratne Offset Ltd., Colombo 10.

CLASS NO.
3608 BA

ASC. NO

2894



CONTENTS

Introductory Note: Sri Lanka and the 'Silk Road' of the sea Senake Bandaranayake	9
Sri Lanka's Role in the Maritime Silk Route W.J.M. Lokubandara	21
PART ONE	
Seaways to Sielediba: Changing Patterns of Navigation in the Indian Ocean and their Impact on Precolonial Sri Lanka R.A.L.H. Gunawardana	25
The Jetavana Treasure Hema Ratnayake	45
Durable Goods: The Archaeolo- gical Evidence of Sri Lanka's Role in the Indian Ocean Trade Martha Prickett-Fernando	61.
Tracing the Silk Road of the Sea: Ceramic and Other Evidence from the Partner Ports of the Western Indian Ocean (8th–10th c. A.D.) Moira Tampoe	85
The World Map and Sri Lanka in Ancient and Mediaeval Cartography Kanthi Vitharana	105
Mantai-Mahatittha: The Great Port and Entrepot in the Indian Trade Martha Prickett-Fernando	115
Mantai – A second Arikamedu: A Note on Roman Finds Roland Silva and Jan Bouzek	123
Precolonial Sri Lanka's Maritime Commerce with Special Reference to its Ports W.I. Siriweera	125

PART TWO

Cultural Contacts between India and Sri Lanka through Bhik- khus, Scholars and Pilgrims Gunapala Senadheera	135
Journeys to the Diamond Throne: Sri Lankan Buddhist Monks and Pilgrims at Buddhagaya P.V.B. Karunatilaka	141
Lanka's Cosmography Down the Ages Patrick Harrigan	147
South Indian Mercantile Communities in Ceylon circa 950–1250 K. Indrapala	153
Sri Lanka through Greek and Roman Eyes D.P.M. Weerakkody	163
Cultural Relations between Sri Lanka and Iran S.A. Imam	173
Muslims and the Trade of the Arabian Sea with Special Refer- ence to Sri Lanka from the Birth of Islam to the Fifteenth Century Sirima Kiribamune	179
Muslim Merchants and Pilgrims in Sarandib c. 900–1500 A.D. Lorna Dewaraja	191
√Arabic (Kufic) Inscriptions in Sri Lanka M.A.M. Shukri	199
New Light on Some Arabic Lithic Records in Sri Lanka Somasiri Devendra	209

PART THREE

The Galle Tri-Lingual Slab Inscription	217
Sino-Sri Lankan Relations Dur- ing the Precolonial Times Mahinda Werake	221
Chinese Ceramics Discovered in Sri Lanka – an Overview P.L. Prematilleke	233
The Sri Lankan Factor in the Development of the Art of Sukothai and Lanna Tai Ananda W.P. Guruge	245
Thailand Rapays Her Debt to Sri Lanka: A Study of the Cultural Contact between the Two Coun- tries from the Fifteenth to the Eighteenth Centuries Lorna Dewaraja	253
PART FOUR	
Traditional Indian Ocean Ship- ping Technologies Kenneth McPherson	261
Premodern Ships and Watercraft of Sri Lanka Somasiri Devendra	265
*The North-West Passage between Ceylon and India C.W. Nicholas	271
Sri Lankan Ships in China R.A.L.H. Gunawardana and Yumio Sakurai	277
Sinhalese Naval Power C.W. Nicholas	28
Contributors	290

Errata: Please see pages inserted at the back of the book.