

Natural Rubber Research A Bibliography 2005-2010

Editors
A.S. Ajitha & Accamma C. Korah



Library and Documentation Centre
Rubber Research Institute of India
Kottayam, Kerala, India



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FOREWORD

Keeping abreast with the developments in their respective spheres of activity is essential for the scientific community for proper planning and execution of programmes in the right direction. There are fast developments taking place in the natural rubber sector. To get updated with the R&D developments in rubber, the Library and Documentation Centre of Rubber Research Institute of India has brought out this compilation entitled, *Natural Rubber Research: A Bibliography 2005-2010*, after the publication of *50 Years of Natural Rubber Research: A Bibliography* during 2005.

It is hoped that this compilation which endeavours to bring together all published R&D information in a systematic sequence with added facilities of key words and author indices would guide the user community to the right reference.

I congratulate the editors who brought out this valuable publication.

Kottayam
23rd March 2012

James Jacob
Director
Rubber Research Institute of India

REPORT

The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's development. The second part of the report deals with the specific situation of the country. It is a very interesting and informative study of the country's development. The third part of the report deals with the specific situation of the country. It is a very interesting and informative study of the country's development.

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INTRODUCTION

We hereby present *Natural Rubber Research: A Bibliography 2005-2010* in continuation of the RRII Golden Jubilee publication, entitled *50 Years of Natural Rubber Research in India: A Bibliography*, a comprehensive list of papers related to natural rubber published from 1955 to 2005.

The present volume covers the scientific and technical literature on natural rubber from 2005-2010. The compilation is arranged in four main sections. Section 1 is the *Bibliography*. In this section, the papers are arranged in chronological order under the surname of each author with individual (single author) contributions first. This is followed by contribution of the same author as the first author published under joint authorship which is also arranged in the chronological order. Section 2 is the *Key Word* index, comprising all 'key words' from the titles and relevant terms indicating the subject coverage of certain papers where titles themselves are not expressive. Section 3 is the *Author Index* which includes names of authors with their entry numbers suffixed. Authors from outside RRII/Rubber Board have also been included when they are co-authors with the authors from the RRII/Rubber Board. Section 4 is the affiliation and addresses of authors. In this section, the full names and addresses of the authors are included, wherever available.

We are very grateful to Dr. James Jacob, Director, RRII for giving permission to compile this Bibliography. The assistance received from the library staff is thankfully acknowledged.

Kottayam
23rd March 2012

A.S. Ajitha
Accamma C. Korah

INTRODUCTION

The purpose of this study was to determine the effect of a 12-week training program on the physical fitness and health of sedentary middle-aged men. The subjects were 20 men, aged 40 to 50 years, who had been sedentary for at least 10 years. They were randomly assigned to either a training group or a control group.

The training group consisted of 10 men who participated in a 12-week program of aerobic and strength training. The control group consisted of 10 men who did not participate in any training program. All subjects were tested at the beginning and end of the 12-week period. The tests included a maximal aerobic power test, a submaximal aerobic power test, a strength test, and a health questionnaire. The results of the tests were compared between the two groups. The training group showed significant improvements in all four tests compared to the control group. The health questionnaire showed that the training group had a significantly lower incidence of cardiovascular disease, hypertension, and diabetes than the control group.

The results of this study suggest that a 12-week training program can significantly improve the physical fitness and health of sedentary middle-aged men. The training program should be continued for a longer period to determine the long-term effects on physical fitness and health.

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INTRODUCTION

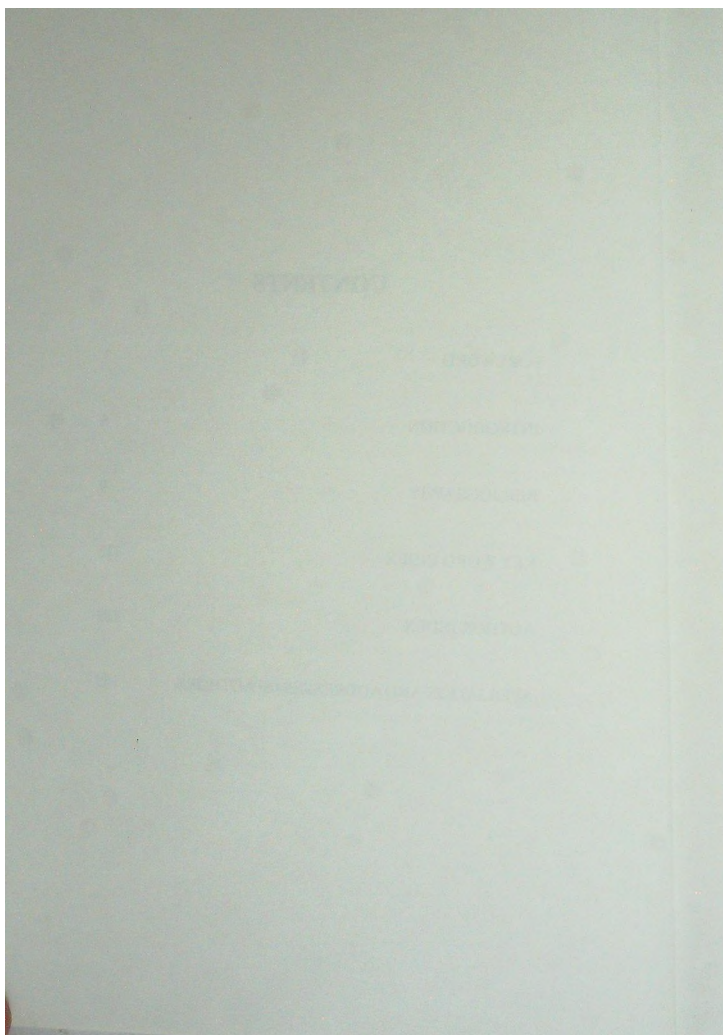
The first of the two main parts of the book is devoted to a study of the history of the theory of the structure of the atom. It begins with a brief survey of the early atomic theory of the Greeks, and then proceeds to a more detailed account of the development of the theory from the time of Democritus to the present day.

The second part of the book is devoted to a study of the theory of the structure of the atom. It begins with a brief survey of the early atomic theory of the Greeks, and then proceeds to a more detailed account of the development of the theory from the time of Democritus to the present day. The author discusses the various theories of the structure of the atom, and the evidence in support of each. He also discusses the various experiments which have been performed to determine the structure of the atom, and the results of these experiments. The book is written in a clear and concise style, and is suitable for use as a textbook or as a reference work.

The author is a well-known physicist, and his book is one of the best on the subject. It is written in a clear and concise style, and is suitable for use as a textbook or as a reference work. The book is written in a clear and concise style, and is suitable for use as a textbook or as a reference work.

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SECTION 1
BIBLIOGRAPHY

LECTURE
BIBLIOGRAPHY

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Key words: *Corynespora cassiicola*; *Corticium salmonicolor*; Endophytic bacteria; *Hevea brasiliensis*; *Phytophthora meadii*
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Key words: Instability; Market uncertainty; Natural rubber; Post-reforms phase; Pre-reforms phase; Real price

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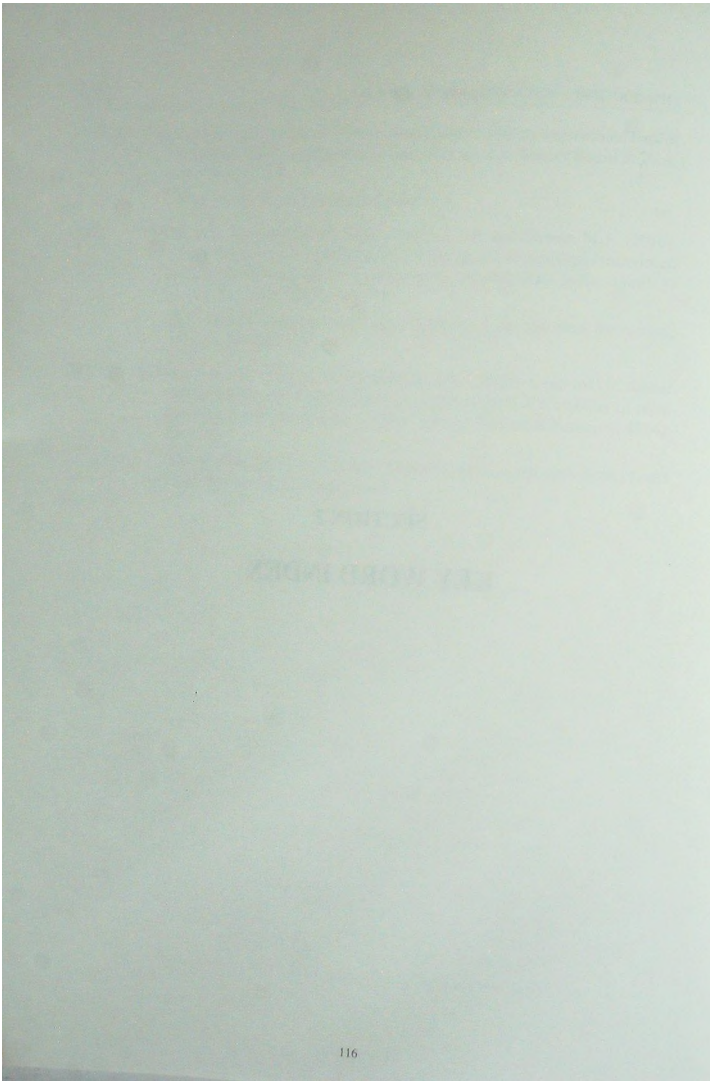
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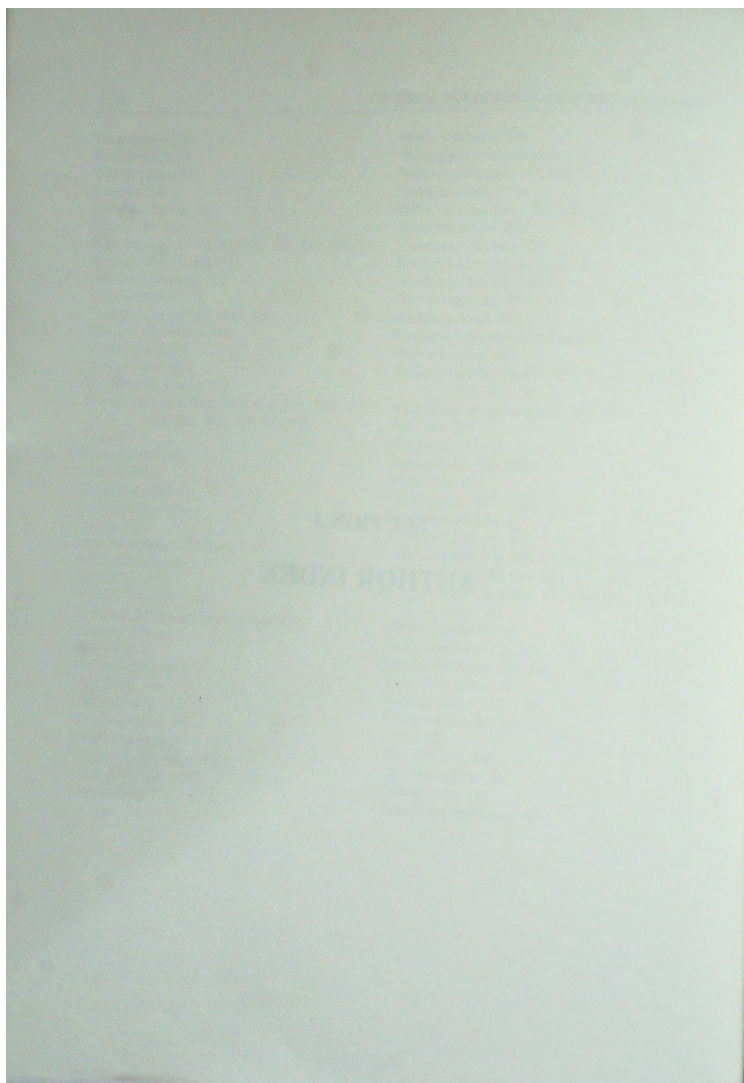
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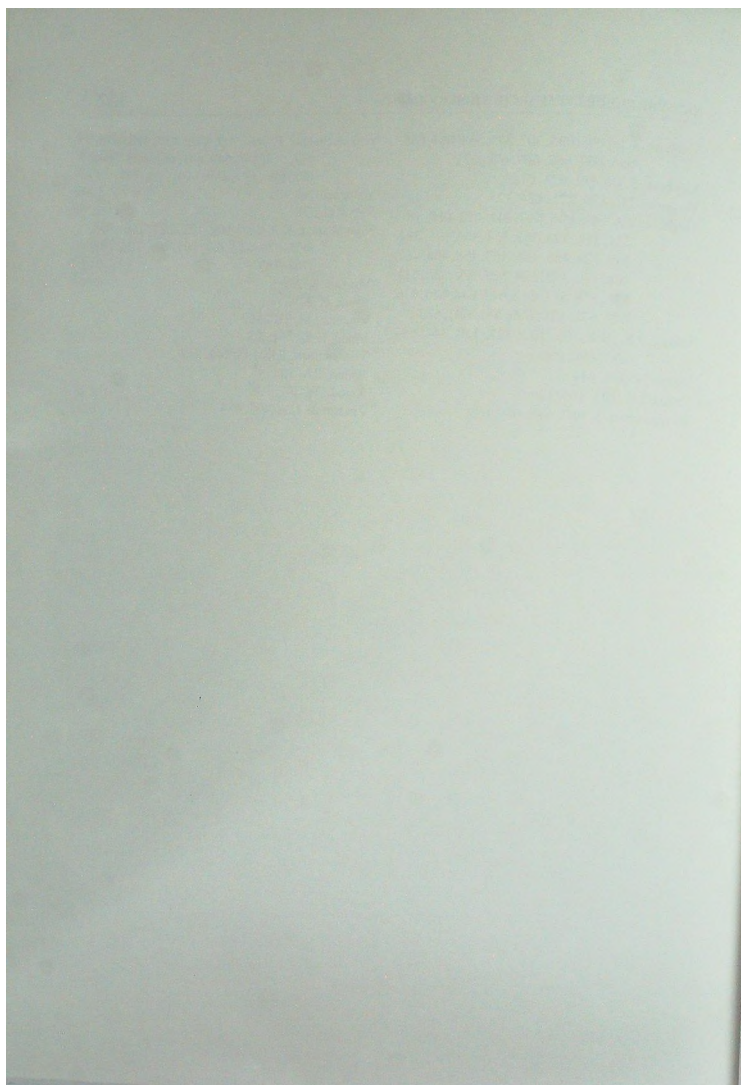
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