

# SCIENCE AND CULTURE

MARCH-APRIL 2009/VOLUME 75/NOS. 3-4

A JOURNAL OF NATURAL AND CULTURAL SCIENCES

PUBLISHED BY THE  
**INDIAN SCIENCE  
NEWS ASSOCIATION**

EDITORIAL BOARD

S. C. Roy  
**Editor-in-Chief**

N. D. Paria  
Parimal Chandra Sen  
**Associate Editors**

Amalendu Bandyopadhyay

Syamal Chakraborty  
N. C. Datta

Amit Krishna De  
Vinod Kumar Gupta

Samarjit Kar

Sudhendu Mandal

**Members of the Editorial Board**

COLLABORATORS

S. Aditya

Ananta Krishnan

Amiya Bagchi

A. K. Barua

Biman Basu

B. B. Biswas

Indrani Bose

Sankar Chakravorti

R. N. Chatterjee

D. P. Chattopadhyay

J. K. Datta Gupta

Dibyendu Ganguli

Irfan Habib

A. K. Hati

S. Kailas

Abhijit Lahiri

Balaram Majumdar

Biswapati Mukherjee

S. P. Mukherjee

G. Prathap

R. R. Rao

P. K. Ray

Prabir Roy

S. P. Sengupta

EDITORIAL

Darwin Bicentenary and 150th Anniversary of  
Origin of Species

— *Abhay Sankar Chakraborti and  
Ramendra Kumar Poddar*

... 81

LETTERS TO THE EDITOR

... 84

ARTICLES

Darwin's Axiom : Axis in Biology

— *Ashim K. Chakravarty*

... 85

The Origin of Species Viewed after 150 years

— *Vidyanand Nanjundiah*

... 93

Inferences from Studies on Human Diversity  
... Long after Darwin

— *Partha P. Majumder*

... 100

What Makes Human Brain so Unique in the  
Animal Kingdom

— *J. J. Ghosh*

... 106

From Animal Behaviour to Ethology :  
Darwin Revisited

— *Pulak Lahiri*

... 109

Evolutionary Loss of Vitamin C Synthesizing  
Ability in Terrestrial Vertebrates

— *I. B. Chatterjee*

... 113

Protein Folding by Ribosome – A Search for  
Molecular Selection Pressure

— *Dibyendu Samanta, Anindita Das,  
Debasis Das and Chanchal Das Gupta*

... 120

One Hundred Years of Darwinism

— *Naresh Chandra Datta*

... 125

Contd. next page.



Indian Science News Association

**President**

Prof. B. B. Biswas

**Vice-Presidents**

Professor Arabinda Kumar Das

Dr. Alok Krishna Gupta

Professor Sankar Kumar Pal

Professor P. K. Ray

Professor M. S. Swaminathan

Professor S. K. Talapatra

**Hony. Secretaries**

Professor Naresh Chandra Datta

Professor Sudhendu Mandal

**Hony. Treasurer**

Professor Amalendu Bandyopadhyay

**Council Members**

Professor (Mrs.) Julie Banerji

Dr. Satyabrata Chakrabarti

Dr. Manas Pratim Das

Dr. Satya Brata Dasgupta

Dr. K. P. Dhara

Dr. Dibyendu Ganguli

Dr. H. S. Maiti

Dr. Sisir Kumar Majumdar

Dr. Balam Majumder

Dr. Hemanta Kumar Majumder

Professor Biswapati Mukherjee

Professor Debasish Mukherjee

Professor Chittabrata Palit

Professor Sibaji Raha

Professor Siddhartha Ray

Dr. Amal Roy Chowdhury

Professor Jnanabrata Sil

*Members of the Editorial Board are also members of the Council*

**RESEARCH COMMUNICATION**

Relationship and Susceptibility of ABO Blood Groups with Various Malignant Disorders Found in West Bengal

— Arpita Chatterjee and  
Gopeswar Mukherjee

... 131

Allelopathic Influence of Lantana Camara on a Leguminous Crop

— P. P. Maiti, R. K. Bhakat and  
A. Bhattacharjee

... 137

Box - Jenkins Model to Forecast the Amount of Rainfall during South West Monsoon over Gangetic West Bengal

— Sutapa Chaudhuri

... 142

An Overview on the Importance of (-) Hydroxy Citric Acid from the Fruit Rinds of *Garcinia Cambogia* (Gaertn.) Desr. (Clusiaceae)

— Chandu Vijay and Parvathi Chary

... 146

HIV/Aids Associated with Lichen Planus, A Rare Case Report.

— Sanjib Mitra, Surajit Bose,

Dibyendu Mukherjee and Debarati Mullick ... 152

**OBITUARY**

Professor B. B. Baliga

— Rangalal Bhattacharya, Ajay and  
Ambareesh Baliga

... 155

**NOTES AND NEWS**

... 158

**Cover** : Top-Left: **Charles Darwin** (1809-1882); Top right : **HMS Beagle**, the ship Darwin used in his voyage to Galapagos Islands. Interestingly, Beagle was sold for scrap in 1870 at a price of £525; Bottom Left : **Giant tortoise**: Charles Darwin was amazed by the giant tortoises roaming on the Galapagos Islands and remarked "These animals grow to an immense size... several so large that it required six or eight men to lift them from the ground"; Bottom right : **Land iguana**: the iguanas which Darwin encountered on his voyage on the Beagle are found only on the Galapagos Islands.