

# **THE SEARCH FOR THE ORIGIN OF LIFE**

## **CONTENTS**

## **PAGE**

How to Use this Publication .....	3
About the Authors .....	4

## **FROM 1850 to 2000 AD**

Part 1	Spontaneous Generation 1850 to 2000 AD .....	5
Part 2A	Revision and Expansion of Part 1 .....	13
Part 2B	RNA, DNA and the Origin of Proteins .....	15
Part 3A	Revision and Expansion of Part 2.....	18
Part 3B	The Origin of Coded Information.....	21
Part 4A	Revision and Expansion of Part 3.....	25
Part 4B	What Mutations Actually Do.....	28
Part 5	How to recognise a Creation.....	34

## **WORKBOOKS**

## **HISTORIC BACKGROUND**

<b>FROM THE BEGINNING to 1870</b> .....	<b>53</b>
Database 1 In the Beginning (Before 700BC).....	54
Database 2 Background Classic Greek (700 - 400BC).....	60
Database 3 Greek Exceptions (500 - 400BC) .....	61
Database 4 Spontaneous Greek Generation (400BC - 0AD).....	62
Database 5 Greek vs Rome (0AD - 1300AD).....	64
Database 6 The Next Spontaneous Generation (1300 - 1500AD) .....	67
Database 7 Of Mice and Men (1500 - 1700AD) .....	68
Database 8 The Coming of Empirical Science.....	71
Database 9 Redi's Insect Experiments .....	74
Database 10 Debating 'The Force' .....	78
Database 11 Pouchet's Problem .....	81
Database 12 The Demise of Spontaneous Generation (1850 - 1920).....	82
Database 13 Darwin's Dawning (1859).....	88
Database 14 The New Spontaneous Generation .....	91

## HOW TO USE THIS PUBLICATION

***‘THE SEARCH FOR THE ORIGIN OF LIFE’*** is designed for Year 11 or 12 Biology students who have already completed units on evolution and cell biology. It is as free as possible of scientific jargon, for the benefit of interested lay readers.

***“THE SEARCH FOR THE ORIGIN OF LIFE”*** curriculum consists of five sections:

1. The **TEXT “The Search for the Origin of Life”** an expanded version of the data found on the 5 video lesson prompts. The Text can be used by itself or in association with the videos and deals with scientific views and evidence from 1850 to 2000AD.
2. The **VIDEO SERIES** - five 25 minute video tapes which act as motivational helps.
3. The **WORKBOOKS** which are **assignments** for students to complete for evaluation.
4. The **HISTORIC BACKGROUND** for those who have additional time to investigate scientific views and evidences from ‘The Beginning to 1870 AD’.
5. The **ANSWER GUIDE**, for students and teachers doing the Historic Background, is available separately.

### TO GET THE MOST FROM THIS PUBLICATION

(A) When using the five, twenty-five minute Video Series ***“THE SEARCH FOR THE ORIGIN OF LIFE”***, each part of the **TEXT** and **WORKBOOK** should be studied by students after they have viewed the related video.

(B) To cover the course in one week (5 Sessions, 30 minute to 1 hour each) use only the **TEXT** Parts 1 to 5 (1850 to 2000 AD), **WORKBOOKS** Parts 1 to 5, and the video series.

(C) To complete all sections of this curriculum in daily class sessions will require about 3 weeks or 15 (30 min - 1 hour) classroom sessions.

(D) For those reading this curriculum for General Interest only, start with the **HISTORIC BACKGROUND** (The Beginning to 1870, page 53), to research archaeology and anthropology,