

CONTENTS

| | |
|------------------------|---|
| PRESENTATION | 7 |
|------------------------|---|

CHAPTER I

SCIENCE AND THEOLOGY

| | |
|----------------------------------------------------------------------------------|----|
| Origins and Creation | 13 |
| A New Physics and a New Theology | 49 |
| The Role of Theology and Philosophy in Cosmology | 58 |
| Science, Philosophy and Theology in the Thought of the John Paul II | 70 |
| The God of the Extra-Terrestrials | 83 |

CHAPTER II

COSMOLOGY AND EVOLUTION

| | |
|----------------------------------------------------------------------------------------|-----|
| A Correct View of Cosmic Evolution: The Public Need to Understand | 97 |
| The Concept of Matter and Materialism in the Origin and Evolution of Life | 108 |
| Discovery in the New Cosmology of Copernicus, Kepler and Galileo | 121 |
| Evolution and the Human Person: The Pope in Dialogue | 136 |
| The Church's Most Recent Attempt to Dispel the Galileo Myth | 146 |
| God's Chance Creation | 171 |

APPENDIX

| | |
|-----------------------------------------------------------------------------------------|-----|
| A Scientific Biography of George V. Coyne | 179 |
| Message of His Holiness Pope John Paul II to the Reverend George Coyne, S.J. | 185 |
| Bibliography | 197 |