

Science as a Way of Knowing—Form and Function¹

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SYNOPSIS. These essays are part of the fifth yearly presentation of an educational project of the American Society of Zoologists. The purpose is to provide background materials for those who teach the first-year biology courses in colleges and universities. The *Science as a Way of Knowing* project emphasizes the conceptual framework of the biological sciences, shows how scientific information is obtained and validated, and relates science to human concerns. The topic for consideration this year is the broadest so far attempted—*Form and Function*. These introductory essays are concerned mainly with the conceptual framework of morphology and physiology as it developed over the ages.

CONTENTS

I. Understanding Nature—Form and Function

JOHN A. MOORE

| | |
|---|-----|
| Introduction | 449 |
| The retreat from nature in the modern world | 450 |
| Animism | 451 |
| Totemism | 453 |
| Shamanism | 454 |
| References: The personification of nature | 454 |
| The Paleolithic view of nature | 454 |
| References: The Paleolithic view of nature | 462 |
| Nature and the ancient empires | 463 |
| Mesopotamia | 465 |
| Egypt | 471 |
| References: The view of nature in ancient empires | 474 |
| The Greek view of nature | 475 |
| <i>Historia Animalium</i> | 483 |
| <i>De Partibus Animalium</i> | 486 |
| The classification of animals | 489 |
| The Aristotelian system | 489 |
| References to Aristotle | 492 |
| Form and function—The basic questions | 493 |
| Theophrastus | 493 |
| Pliny | 494 |
| Aelian | 498 |
| Hippocrates | 499 |
| Herophilus | 500 |
| Erasistratus | 501 |

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| | |
|--|-----|
| Galen | 502 |
| Those rational Greeks? | 506 |
| Why? | 506 |
| References: Theophrastus to Galen | 507 |
| The Judeo-Christian world view | 507 |
| The Bishop of Hippo | 508 |
| The Book of Beasts | 512 |
| Gesner and Topsell | 514 |
| Islamic science | 516 |
| The end of the era | 520 |
| References: The Judeo-Christian tradition | 520 |
| The revival of science | 520 |
| Copernicus and Vesalius | 522 |
| Leonardo the Florentine | 534 |
| Comparative anatomy | 536 |
| William Harvey | 537 |
| References: Vesalius and Harvey | 538 |
| The very small—Animalcules | 538 |
| The very small—Cells | 540 |
| Description, discovery, theory | 544 |
| References: Animalcules and cells | 545 |
| Figur'd stones and plastick virtue | 545 |
| Marine life on mountain tops? | 555 |
| Figur'd stones of unknown creatures | 557 |
| References: The beginnings of paleontology | 557 |
| Baron Cuvier | 559 |
| Cuvier and Brongniart | 563 |
| Cuvier's geological revolutions | 564 |
| Catastrophism and uniformitarianism | 565 |
| William Smith and the geological column | 566 |
| Sir Charles Lyell and the <i>Principles of Geology</i> | 566 |
| References: Baron Cuvier to Sir Charles Lyell | 567 |
| The Pre-Darwinian paradigm: Understanding nature in 1850 | 567 |
| The paradigm of natural theology | 570 |
| The paradigm of evolution | 573 |
| The paradigm of genetics | 576 |
| Acknowledgments | 577 |
| References | 577 |

II. Five Examples Illustrating the Study of Form and Function

INGRITH DEYRUP-OLSEN

| | |
|---|-----|
| Introduction | 585 |
| References | 587 |
| William Harvey and the discovery of circulation | 587 |
| A perspective on Harvey's discovery of the circulation of blood | 592 |
| References | 593 |
| Claude Bernard: Developments in physiology, and the regulation of the internal environment | 593 |

| | |
|--|-----|
| FORM AND FUNCTION | 447 |
| The stability of the internal environment in perspective | 596 |
| References | 598 |
| Adjustments to osmotic stress—the countercurrent system of the kidneys of mammals | 598 |
| Discovering the ways of operation of vertebrate kidneys | 598 |
| The countercurrent system | 601 |
| Perspective—kidney function and the internal environment | 604 |
| References | 605 |
| Oxygen, cell energy, and cell structure | 605 |
| Early stages in identifying the processes of metabolism | 606 |
| The role of oxygen in cell metabolism | 607 |
| Some mechanisms for forming ATP | 607 |
| Mitochondria and oxidative phosphorylation | 608 |
| Mitchell’s chemiosmotic hypothesis to explain oxidative phosphorylation | 609 |
| A perspective on oxygen, cell energy, and cell structure | 611 |
| References | 612 |
| Structures built by living cells—the shell of the bird’s egg | 612 |
| References | 615 |
| Acknowledgments | 615 |
| References | 615 |

III. The Role of Form and Function in the Collegiate Biology Curriculum

WILLIAM V. MAYER

| | |
|---|-----|
| Introduction | 619 |
| A brief review of studies on introductory biology | 619 |
| Reports of the National Education Association | 620 |
| Recommendations of the American Society of Zoologists | 621 |
| Reactions to committee reports | 622 |
| From separate courses to biology? | 622 |
| Report of the Central Association of Science and Mathematics Teachers | 623 |
| NEA Committee on Natural Sciences | 624 |
| Breakdown of collegiate/secondary school relationships | 625 |
| Recommendations of the North Central Association of Colleges and Secondary Schools | 625 |
| Office of Education “Instruction in Science” | 626 |
| The report of the National Society for the Study of Education | 626 |
| Union of American Biological Societies Committee on the Teaching of Biology | 627 |
| Cooperative Committee on Science Teaching | 627 |
| Trends toward scientific literacy | 628 |
| Southeastern/North Central Conferences on Biology Teaching | 628 |
| NAS/NRC Committee on Educational Policies | 629 |
| Source Book of Laboratory and Field Studies in Biology | 629 |
| The Biological Sciences Curriculum Study | 630 |
| The Commission on Undergraduate Education in the Biological Sciences (CUEBS). | 631 |
| Biology in a liberal education | 632 |

| | |
|--|-----|
| Core curriculum for biology majors | 632 |
| Modules in college biology teaching | 634 |
| The laboratory | 634 |
| The context of collegiate biological education | 634 |
| The transient nature of reform efforts | 634 |
| Importance <i>vs.</i> difficulty | 635 |
| Recent recommendations | 636 |
| Objectives and content of an introductory biology course | 638 |
| The importance of unlearning | 638 |
| Student misconceptions | 638 |
| The nature of science | 639 |
| Science and pseudoscience | 640 |
| Health and nutrition | 641 |
| Form and function | 642 |
| Vocabulary | 643 |
| Diversity of type/unity of pattern as an organizing principle of an introductory biology course | 646 |
| Prokaryotes/eukaryotes | 646 |
| The cell | 647 |
| Analogy/homology | 648 |
| Convergence | 651 |
| Dollo's Law | 651 |
| The comparative approach | 651 |
| Aortic arches | 652 |
| The eye | 654 |
| Integumentary system | 657 |
| The digestive system | 658 |
| Conclusions | 661 |
| References | 662 |