Chapter 8 – Nucleotides and Nucleic Acids

8.1 Some Basics

The following sub-sections are important:

* The Introduction
* Nucleotides and Nucleic Acids Have Characteristic Bases and Pentoses
* Phosphodiester Bonds Link Successive Nucleotides and Nucleic Acids
* The Properties of Nucleic Bases Affect the Three-Dimensional Structure of Nucleic Acids

8.2 Nucleic Acid Structure

The following sub-sections are important:

* The Introduction
* DNA is a Double Helix that Stores Genetic Information
* Certain DNA Sequence Adopt Unusual Structures

8.3 Nucleic Acids Chemistry

The following sub-sections are important:

* The Introduction
* Double-Helical DNA & RNA Can be Denatured
* Nucleotides & Nucleic Acids Undergo Nonenzymatic Transformations
* Some Bases of DNA Are Methylated