

Modern Systems of Classification

<p>The 3 Domain System</p> <p>1. _____</p> <p>2. Common bacteria are part of the domain</p> <p>3. _____</p> <p>4. Other microbes are part of the domain</p> <p>5. _____</p> <p>6. _____</p> <p>7. All other life is placed in the domain</p> <p>8. _____</p>	<p>The highest taxon is _____</p> <p>Other microbes are part of the domain _____</p> <p>All other life is placed in the domain _____</p>	<p>In all modern systems of classification names of species are written in a two part notation called _____.</p> <p>The first part of this two-part name is derived from the _____ and the second is the species individual name. The first letter of the genus is capitalized and the rest of the name is lowercase. When writing names by hand you must _____ them. When typing they are to be in _____.</p> <p>Names are given in _____ because it is a universal language. The goal of scientific names is to avoid the confusion that _____ can cause. Every discovered living and once living organism on the planet has only one scientific name that is universally accepted by all scientists everywhere.</p> <p>Modern classification is based on evolutionary relationships and tries to place all life onto branches of a _____.</p> <p>At the root of this tree will be the common ancestor of all life on Earth.</p>
<p style="text-align: center;">The 5 Kingdom System</p> <p>Does not use domains. All life is placed in one of the five kingdoms.</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p>		<p>Names are given in _____ because it is a universal language. The goal of scientific names is to avoid the confusion that _____ can cause. Every discovered living and once living organism on the planet has only one scientific name that is universally accepted by all scientists everywhere.</p>
<p style="text-align: center;">The 6 Kingdom System</p> <p>Much like the five kingdom system except all life is placed in one of six kingdoms.</p> <p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p> <p>6. _____</p>		<p>Modern classification is based on evolutionary relationships and tries to place all life onto branches of a _____.</p> <p>At the root of this tree will be the common ancestor of all life on Earth.</p>