

<i>Ophiothrix virgata.</i>	<i>Ophiomyxa australis.</i>
<i>trilineata.</i>	<i>Hemieuryale pustulata.</i>
<i>melanosticta.</i>	<i>Sigsbeia murrhina.</i>
<i>striolata.</i>	<i>Astrophyton costosum.</i>
<i>elegans.</i>	<i>spinosum.</i>
<i>suensonii.</i>	<i>nudum.</i>
<i>capillaris.</i>	<i>cæcilia.</i>
<i>purpurea.</i>	<i>clavatum.</i>
<i>viridialba.</i>	<i>exiguum.</i>
<i>plana.</i>	<i>panamense.</i>
<i>Ophiogymna elegans.</i>	<i>Gorgonocephalus arborescens.</i>
<i>Ophiocnemis marmorata.</i>	<i>cacaoticus.</i>
<i>Ophiomaza cacaotica.</i>	<i>verrucosus.</i>
<i>obscura.</i>	<i>Euryale aspera.</i>
<i>Ophiothela mirabilis.</i>	<i>Trichaster palmiferus.</i>
<i>danæ.</i>	<i>elegans.</i>
<i>isidicola.</i>	<i>Astrocnida isidis.</i>
<i>Ophiopsammium semperi.</i>	<i>Astroporpa annulata.</i>
<i>Opioblenna antillensis.</i>	<i>affinis.</i>
<i>Ophiohelus umbella.</i>	<i>Astroschema oligactes.</i>
<i>Ophiomyces fructosus.</i>	<i>tenuis.</i>
<i>Ophiomyxa pentagona.</i>	<i>læve.</i>
<i>flaccida.</i>	<i>Ophiocreas lumbricus.</i>

There are not enough observations to render the preceding tables complete or accurate, but their general conclusions are perhaps reliable. Table I. gives the species of cold water; Table II. those of temperate; and Table III. the warm water species. The last, which also are of comparatively shallow water, are by far the most numerous, a proportion which suggests that heat, light, and small pressure tend to produce variety in form and structure; and yet there is not that vast difference between deep cold species and shallow warm ones which might reasonably be looked for on the theory that so called natural forces are alone potent to effect change.

If the present faunæ of the two sides of the Isthmus of Panama, as compared together, have varied so little since the Chalk; or if some deep Atlantic species present no greater changes than they do as compared with the Triassic or the Chalk species, how is it that Ophiuridæ have thus dragged along in narrow limits, while some other animals have almost unbelievably changed? Perhaps we shall be told that it is their nature to drag along, just as Molière's medical student says that opium produces sleep because it possesses a somniferous property.