


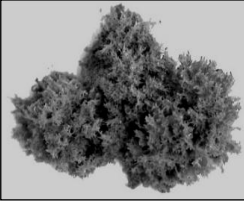


Table 2 Identification and key characteristic features of the four experimental marine Demosponges

| Gross Image | Species Name and Classification | Key Characteristic Features |
|--|--|---|
|  | <p><i>Fasciospongia cavernosa</i> Phylum: Porifera Class: Demospongiae Order: Dictyoceratida Family: Thorectidae</p> | <p>Massive, keratose sponge with peduncles. Conulose surface is in dark green to purple brown and internally grayish yellow. Some forms resemble <i>Ircinia species</i> even in the symbiotic hostage to many organisms. Body is of fleshy consistency.</p> |
|  | <p><i>Callyspongia (Cladochalina) fibrosa</i> Phylum: Porifera Class: Demospongiae Order: Haplosclerida Family: Callyspongiidae</p> | <p>Irregular, ramose sponge with cobweb-like uneven surface appears in brownish purple to pale yellow. Sub-cylindrical branches and prominent osculate appear most of the forms. Body consistency and texture is hard and brittle.</p> |
|  | <p><i>Hyattella cribriformis</i> Phylum: Porifera Class: Demospongiae Order: Dictyoceratida Family: Spongiidae</p> | <p>Growth form tubular, erect and repent. Flat encrustations of the body, without any proper shape due to repeated folds. Externally pale yellow to orange brown or brownish yellow to green. Body texture is hard and little compressible.</p> |
|  | <p><i>Dysidea fragilis</i> Phylum: Porifera Class: Demospongiae Order: Dictyoceratida Family: Dysideidae</p> | <p>Cobweb-like surface formed by huge number of spicules and sand particles, irregularly encrusting or massive and lobe-shaped. Consistency is very brittle to hold and externally appears pale pinkish to pale yellow or brownish to grayish-white.</p> |