KEY TO THE DORVILLEIDAE FROM OFF SAN DIEGO

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List of Species
Dorvillea (Schistomerincros) annulata (Moore, 1906)
Dorvillea (Schistomerincros) longicornis (Ehlers, 1901)
Meiodorvillea sp SD1
Parougia caeca (Webster and Benedict, 1884)
Protodorvillea gracilis (Hartman, 1938)

1. Large, heavy, Y-shaped furcate setae present........... 2
1. Furcate setae not greatly enlarged, with unequal tines.... 3

2. Y-shaped furcate setae present in all setigers; prostomium
   with long, moniliform antennae; larger animal...........
   ................................................. Protodorvillea gracilis
2. Y-shaped furcate setae only present in first 8 setigers,
   replaced by geniculate setae in posterior setigers;
   prostomium with short, clavate, simple antennae; animal
   small, interstitial......................... Meiodorvillea sp SD1

3. Furcate setae with long, slender tines; maxillae heavily
   sclerotized, visible through body wall as V-shaped
   structure, without maxillary carriers and without inferior
   basal plates,.................................... Parougia caeca
3. Furcate setae with short tines; maxillae with maxillary
   carriers and both superior and inferior basal plates....
   .............................................. Dorvillea (Schistomerincros) 4

4. Dorsal cirri tapering, with cirrophores as long as
   cirrostyles; furcate setae with short tines half as long
   as long tines........ Dorvillea (Schistomerincros) annulata
4. Dorsal cirri cylindrical, distally inflated, with
   cirrophores much longer than cirrostyles; furcate setae
   with short tines one-third as long as long tines....... Dorvillea (Schistomerincros) longicornis