

The following list will serve as a convenient means of reference and may appropriately find a place here :—

<i>Species erroneously referred to the Genus</i> Archaster.	<i>Now referred to the Genus indicated in the</i> <i>following terms :—</i>
<i>Archaster agassizii</i> , Verrill . . . . .	<i>Plutonaster</i> (?) <i>agassizii</i> , Verrill, sp.
<i>Archaster americanus</i> , Verrill . . . . .	
<i>Archaster andromeda</i> , (Müller and Troschel, sp.), Lütken . . . . .	<i>Psilaster andromeda</i> , Müller and Troschel, sp.
<i>Archaster arcticus</i> , (Sars, sp.), Perrier . . . . .	<i>Leptoptychaster arcticus</i> , Sars, sp.
<i>Archaster bairdii</i> , Verrill . . . . .	
<i>Archaster bifrons</i> , Wyville Thomson . . . . .	<i>Plutonaster bifrons</i> , Wyville Thomson, sp.
<i>Archaster christi</i> , (Dubon and Koren, sp.), Perrier . . . . .	<i>Psilaster andromeda</i> , Müller and Troschel, sp.
<i>Archaster coronatus</i> , Perrier . . . . .	<i>Pontaster coronatus</i> , Perrier, sp.
<i>Archaster echinulatus</i> , Perrier . . . . .	<i>Pontaster echinulatus</i> , Perrier, sp.
<i>Archaster efflorescens</i> , Perrier . . . . .	
<i>Archaster excavatus</i> , Wyville Thomson . . . . .	<i>Leptoptychaster kerguelenensis</i> , Smith.
<i>Archaster flora</i> , Verrill . . . . .	<i>Bathyiaster</i> (?) or <i>Psilaster</i> (?)
<i>Archaster formosus</i> , Verrill . . . . .	
<i>Archaster grandis</i> , Verrill . . . . .	<i>Dytaster</i> (?) <i>grandis</i> , Verrill, sp.
<i>Archaster hesperus</i> , Müller and Troschel . . . . .	<i>Craspidaster hesperus</i> , Müller and Troschel, sp.
<i>Archaster insignis</i> , Perrier . . . . .	
<i>Archaster lucifer</i> , Valenciennes, M.S., in Perrier . . . . .	<i>Dorigona longimana</i> , Möbius, sp.
<i>Archaster magnificus</i> , Bell . . . . .	<i>Moiraster magnificus</i> , Bell, sp.
<i>Archaster mirabilis</i> , Perrier . . . . .	<i>Pontaster mirabilis</i> , Perrier, sp.
<i>Archaster parelii</i> , (Dubon and Koren, sp.), Sars . . . . .	<i>Tethyaster parelii</i> , Dubon and Koren, sp.
<i>Archaster pulcher</i> , Perrier . . . . .	<i>Pontaster</i> (?) <i>pulcher</i> , Perrier, sp.
<i>Archaster robustus</i> , Verrill . . . . .	
<i>Archaster sepius</i> , Verrill . . . . .	
<i>Archaster simplex</i> , Perrier . . . . .	<i>Pararchaster simplex</i> , Perrier, sp.
<i>Archaster subinermis</i> , (Philippi, sp.), Perrier . . . . .	<i>Tethyaster subinermis</i> , Philippi, sp.
<i>Archaster tenuispinus</i> , (Dubon and Koren, sp.), Sars . . . . .	<i>Pontaster tenuispinus</i> , Dubon and Koren, sp.
<i>Archaster vezillifer</i> , Wyville Thomson . . . . .	<i>Bathyiaster</i> (?) <i>vezillifer</i> , Wyville Thomson, sp.

I have considered it best to withhold any expression of opinion on the generic affinities of some of these forms, as I have not had an opportunity of studying specimens, and I feel unable to form a correct judgment from the descriptions alone. In two or three cases where the description seemed to warrant a surmise I have hazarded a determination, and have placed a (?) after the genus.

#### *Chorology of the Genus Archaster.*

##### *a. Geographical distribution :—*

INDIAN and S. PACIFIC OCEANS : Two species between the parallels of 20° N. and 40° S.

*Archaster angulatus* has its metropolis at Mauritius, and extends to Australia. There is a specimen recorded from Java in the Berlin Museum, named and mentioned by Müller and Troschel,<sup>1</sup> but the

<sup>1</sup> System der Asteriden, p. 66.