with adambulacral plates prominent. Pedicellarine valvate, foraminate	
or excavate	Order PHANEROZONIA.
A. Marginal plates large and conspicuous; with the axes of the plates of	
the two series usually in parallel planes.	
a Apical plates decrescent. Abactinal skeleton with simple spini- ferous spicules, with pseudo-paxille, or true columnar	
paxille. Tegumentary developments usually spiniform.	
a. Marginal plates thin and lamelliform, naked, or covered only	
with membrane. Actinal areas paved with thin squami-	
form plates covered with delicate membrane. Cribri-	
form organs present. Adambulaeral plates with a	
simple marginal armature, uniscrial	PORCELLANASTERIDA.
b. Marginal plates thick and massive, covered with spines or	I ONCEMIANT BRIDE
papille. Actival areas small, plates when present	
covered with spines. No cribriform organa Adam-	
bulacral plates with a complex armature, grouped or	
in several series	
e Proctuchous Devoid of superambulacral plates. Adam-	
bulacral plates large and not compressed. Pedi-	
cellarie usually present	ARCHASTERIDAL.
B. Aproctuchous. With superambulacral plates. Adam-	
bularral plates short, and more or less compressed.	
Pedicellariæ rarely present	ASTROPECTINIDA
b. Apical plates often increscent. Abactinal skeleton tessellate. Tegu-	
mentary developments usually graniform. Actinal inter-	
radial areas well developed.	
a. Abactinal skeleton tessellate, the plates often more or less	
tabulate, with co-ordinated granules simulating paxillas	PENTAGON ASTERIDA.
b. Abactinal skeleton stellato-reticulate.	
a. Abactinal plates with granules and tubercles. Actinal	
intermediate plates with large valvate pedicellarise	ANTHENEIDE.
B. Abactinal plates with large conical spiniform tubercles.	
Actinal intermediate plates devoid of large valvate	
pedicellarire	PENTACEROTIDE.
a Abactinal akeleton tessellate, the plates often irregular and	
only partially contingent, covered with skin	GYMMASTERIIDAL
B. Marginal plates comparatively small and inconspicuous; with the axes	
of the plates of the two series convergent and not in parallel	
planes. Abactinal skeleton with lamelliform plates, imbricating,	
notched on one side, with spines on the free margins. Spines on	
the actinal intermediate plates. No pedicellarise	ASTERINIDE.
II. Marginal plates small and inconspicuous. Papulæ not confined to the area	
circumscribed by the supero-marginal plates, but often present between the	
marginal plates and on the actinal surface. Ambulacral plates more or less	
crowded and narrow. Actinostomial ring with ambulacral or adambula-	
cral plates prominent. Pedicellaris pedunculate or sessile, not foraminate	Order CRYPTOZONIA.
A. Marginal plates small but persistent. Abactinal skeleton more or less	
fully developed. Parambulacral and actinal intermediate plates	
present; one or both more or less fully represented. Interbra-	
chial septa usually present.	Sp (200)
(SOOIL CHALL EXP PART LL 1888.)	1