flagellated chambers, but most efficient for the vitally important function of keeping open the meshes of the dermal network :

(2) That the geometrical forms of cubes, squares, or lines (hexactins, stauractins, amphidisks) arise in correspondence with the requirements for supporting cubical spaces, surfaces, or concentric laminæ :

(3) That the support of flagellated chambers and of the body as a whole was a later need, and was effected by the development of microscleres into parenchymal and auxiliary surface macroscleres :

(4) That the identity of axes of the regular hexactin with those of the regular crystalline system is a coincidence, the real determining factor of the shape being a biological one : the axes of a geometrical system are pure abstractions. The concrete organic filament of the regular hexactin round which alternating layers of spiculin and silex are formed is nothing more than a model of those abstractions.   (It is not implied, however, that the cylindrical shape of the axial tubes is to be regarded as an argument against the crystal theory ; for crystals may have curved surfaces.)

LXIV.—*Descriptions of Oriental* Capsidæ.
By W. L. DISTANT.

Hyalopeplus clavatus, sp. n.

Head, pronotum, scutellum, and corium bronzy ochraceous ; head with three longitudinal black lines, the lateral ones converging anteriorly ; antennæ with the basal joint bronzy ochraceous, with a more or less distinct piceous line beneath, second joint black, with its base ochraceous (remaining joints mutilated in typical specimens) ; pronotal collar with the margins and three longitudinal lines black, the central line more prominent, posterior pronotal margin and the posterior angles black ; clavus with the inner and outer margins and the suture black ; corium with the costal marginal area paler and bordered on each side with black, veins piceous ; mem-

---

scaffoldings.   He resorts to the method of splicing with rope his radial and tangential axes (standards, putlogs, and ledgers), because, when separated, they are easier to transport in bundles.