

*Tribe 2. Cerapachyi* (Africa, Asia, Australasia and Texas!).

Genus *Cerapachys* Smith (antennæ with a one-jointed club).

Subgenus *Cerapachys* (antennæ 12-jointed).

Subgenus *Parasyscia* Emery (antennæ 11-jointed).

Subgenus *Oöceræa* Roger (antennæ 10-jointed).

Subgenus *Syscia* Roger (antennæ 9-jointed; first gastric segment but little longer than the postpetiole).

Subgenus *Cysias* Emery (antennæ 9-jointed; first gastric segment much longer than the postpetiole).

Genus *Phyracæces* Emery (terminal antennal joint not forming a club—Madagascar, Africa, Borneo).

Genus *Lioponera* Mayr (2-3 terminal joints of antenna forming a club—India, Sumatra).

Genus *Splinctomyrmex* Mayr (abdomen constricted behind each segment—Brazil).

*Tribe 3. Cylindromyrmii.*

Genus *Cylindromyrmex* Mayr (antennæ 12-jointed; South America).

Genus *Simopone* Forel (antennæ 11-jointed; Madagascar).

The occurrence in America of a representative of the largest and most diversified genus of the Cerapachyinae is of some interest in view of the fact that this group is the most archaic and generalized of existing Formicidæ. It is, in fact, the group from which Emery and Forel would derive both the Dorylinae and Ponerinae, themselves very primitive subfamilies of ants. Inasmuch as the three remaining subfamilies (Myrmicinae, Dolichoderinae and Camponotinae) are derivable from Ponerine forms, it is evident that the Cerapachyinae must constitute a group of high phyletic significance. Emery ('95) has even gone a step further and pointed out the close resemblance of the Cerapachyi to the Mutillidæ, especially to forms like *Apterogyna*, which have a very ant-like pedicel to the abdomen and resemble the ants in many other particulars. I have copied his figure of *Apterogyna* (Fig. 5) for the sake of showing the close resemblance of this primitive Mutillid to certain species of *Cerapachys*, e. g., *C. peringueyi* (Fig. 3).

While Emery and Forel agree in regarding the Cerapachyinae as the most primitive of Formicidæ, they hold very different