

3d Family. CALLIANIRIDÆ *Esch.* 1829, and *Gegenb.* 1856 (restricted).

Callianira *Pér.* 1810¹.

C. triploptera *Lmk.* — *Beroë hexagonus* *Brug.* — *Indian Ocean, in the vicinity of Madagascar* (Bruguère).

Sophia *Pér.* auctore *Lamarck, Anim. s. Vertebr.,* and *Eschscholtz, Isis,* 1825.

S. diploptera *Pér.* — *Callianira diploptera* *Lmk.* — *Indian Ocean, off Australia* (Péron).

4th Sub-order. EURYSTOMLÆ *Leuck.* 1856. — *Beroidæ* *Cavæ* *Esch.* 1825.

1st Family. BEROIDÆ *Esch.* 1829.

The true characteristics of the species of this family are not yet discovered. Were the synonymy of some authors taken for granted, it would follow that there are species ranging all the world over, which cannot be admitted without the most careful comparison. On the other hand the characters ascribed to the species observed in different localities hardly justify their admission as true species. It is therefore necessary to await further information before considering either the geographical distribution of these *Acalephs*, or their specific limitation, as satisfactorily traced.

Beroë *Brown* 1756. — *Medea* *Esch.* 1825. — *Cydalisia* *Less.* 1843.

B. Forskålii *Milne-Edw.* — *Medusa Beroë* *Linn.* — *Beroë rufescens* *Forsk.* — *Beroë ovatus* *Lam.* and *Delle Chiaje.* — *Beroë elongatus* *Riss.* — *Idyia Forskålii* *Less.* — *Beroë Chiaji* *Less.* — *Mediterranean* (Forskål, Delle Chiaje, Risso, and Milne-Edwards).

B. punctata *Cham.* and *Eys.* — *Cydalisia punctata* *Less.* — *Atlantic: North of the Azores* (Eschscholtz).

B. Mertensii *Br.* — *Idyia Mertensii* *Br.* — *Southern Atlantic, 35° 50' S. Lat. and 22½° E. Long. of Greenwich.* (Mertens).

B. mitriformis *Less.* — *Cydalisia mitriformis* *Less.* — *Idyia penicillata* *Merl.* — *Pacific: Coast of Peru, 6° S. of the Equator* (Lesson and Mertens).

Idyia *Frem.* 1809. — *Medea* *Esch.* 1825.

I. ovata *Less.* — *Beroë Brown.* — *Medusa Beroë* *Linn.* — *Beroë ovata* *Esch.* — *Tropical Atlantic: Jamaica* (Patrick Brown).

¹ I find it impossible to ascertain positively whether the genera *Callianira* and *Sophia*, which *Eschscholtz* represents as distinct in 1825, and as

synonymes in 1829, and for which *Lamarck, An. s. Vert.*, seems to have the priority, really constitute two genera or not.