

the National Museum collection it became necessary to examine some of the species for determination, and the facts gleaned in this way were noted. The localities given are very incomplete, as here I failed. I neglected localities for structure, and the list does not, therefore, give a fair idea of the distribution of many of the species.

The economic literature has been almost entirely omitted, since it rarely became necessary for me to refer to it. Mr. Hy. Edwards's list of the early stages will supplement the present catalogue in this respect. The object sought here is to bring within reach of the student the knowledge of where the literature of the family can be found, if he desires to study it systematically. I have also given my own observations which may serve as a starting point for others, and may aid in determination and a knowledge of the characters upon which the genera are based.

## SYNOPSIS OF GENERA.

1. Front tuberculate or roughened ..... 2  
Front smooth ..... 3
2. Anterior tibia unarred; accessory cell wanting.....*Cydosia*  
Anterior tibia with a claw at tip; primaries with an accessory cell.....*Cerathosia*
3. Vein 5 of secondaries wanting or very faint..... 4  
Vein 5 of secondaries present..... 5
4. Primaries long and narrow, secondaries broad and large....*Emydia*  
Primaries broad, secondaries smaller, proportionate .....*Crocota*
5. Vein 8 of primaries wanting; 11 veins..... 6  
Vein 8 of primaries present; 12 veins ..... 7
6. Vein 10 of primaries from the subcostal; 3 and 4, and 6  
and 7 of secondaries stalked.....*Gnophela*  
Veins 7 to 10 of primaries on a stalk out of the end of the  
cell; veins on secondaries not stalked.....*Epicallia*
7. Vein 10 of primaries from the subcostal ..... 8  
Veins 7 to 10 of primaries stalked out of the end of cell.....13
8. Accessory cell present on primaries..... 9  
Accessory cell wanting on primaries.....10
9. Antennæ of ♂ bipectinated.....*Nemeophila*  
Antennæ of ♂ with single lateral bristles only.  
Primaries narrower, parallel, apices rounded; secondaries  
large, broad .....*Utetheisa*