

not found any copal trees (Wm. E. Hines, Trans. Amer. Geogr. Soc.), or even any signs of any, and to this time it is a mere conjecture in what ages these deposits of copal were made, probably many thousand years ago." I can not give the exact quotation, as I have before me only a manuscript copy of this paper, written before 1860.\* Some insects out of this copal, called in trade Zanzibar copal, but of the Zanzibar copal which was only exported to East India and not to Europe, seem to be identical with insects living in Ceylon. It can therefore not now be assumed that the *Embidina* in copal are still living forms, and that they belong to the fauna of Africa till the identity with living or African insects has been proved.

Considering that only fifteen living species are described by me, it will be seen that I have been purposely as careful as possible in making new species. I could have enumerated six species more, against which with our actual knowledge little objection could have been made. The type of *E. Klugi*, in Paris, must be examined to confirm its identity with *O. Atricapilla*. That of *O. Saundersii* should be compared again with *E. Latreillis*, with the specimens from Borneo and those collected by Wood-Mason, to make their identity certain. The type of *O. Batesii* and *O. Brasiliensis*, Burm., should also be compared concerning their identity. The larva from Athens and from Asia Minor could have been given as new species, if it were desirable to describe new species upon such material. Finally the supposition that the large wingless female belongs to *O. Michaeli* needs the support of further careful observation.

Of the fifteen living species described, *O. Saundersii* has by far the largest distribution, Bengal, Borneo, Madagascar, Mauritius and Ascension Islands. *O. Insularis*, from Sandwich Islands, is, perhaps, to be found in Antigua Island. *E. Solieri* is not rare in South France and Spain. The other twelve species are only recorded from one locality. From Bengal, *O. Michaeli*; from Persia, *E. Persica*; from Africa, *E. Savignyi*; from Egypt, *O. Nigra*; and *E. Mauritanica* from Algeria. From America is *O. Cubana*, from Cuba; *O. Hubbardi*, from Florida; *O. Salvini*, from Mexico. From South America, *O. Brasiliensis* and *O. Ruficapilla*, the locality not known; *O. Batesii* from the Amazon; *O. Muelleri*, from Santa Catarina, South Brazil.

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\*Only two incomplete sets of the transactions are in Boston and Cambridge.