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# A B S T R A C T S

BECK, H. Projekt Neuartiges Bestimmungsbuch für Lepidopterenlarven. - p. 3 - 14, 25, 26.  
key words: Lepidoptera, Noctuidae, larvae, determination literature.

First the necessity of a modern scientific determination literature for lepidopterous larvae is explained by showing our present knowledge in this matter. This knowledge is basing on the level of the past century. Insufficiencies and mistakes in the descriptions and coloured pictures are shortly hinted. A sure determination according to pictures (HOFMANN, 1893, SPULER, 1904) is only possible for some few remarkably ornamented larvae. - In one case the chances for a new determination literature are to be seen in the objectively obtained coloured fotos and their reproduction, in the other case in a scientific method of description. This method allows to determine exactly position and extension of lines and spots of the ornamental pattern by referring to the sufficiently constant position of the bristles of "nude" larvae. By the genus Orthosia (Lepidoptera: Noctuidae) the extraordinary importance of larval ornamentation for characterizing larvae of species and connected with it, the possibility of exact determining is demonstrated. - The program for a new determination literature projects a series of publications on the families of Macrolepidoptera, beginning with the family Noctuidae. The geographic area for the species to be described is overtaken from FORSTER & WOHLFAHRT, "Die Schmetterlinge Mitteleuropas". - The concept projects an introduction to describing and determining larvae of Lepidoptera, keys for determining on ornamental-morphological base, a catalogue of colour-pictures, short diagnoses of species and remarks to biology, especially for breeding ex ovo, where it is necessary. - For continuing the series with other families interested specialists are looked for.

KÜPPERS, P.V.: Parasarpa dudu WW., eine seltene südasiatische Limenitis-Art. - p. 18 - 23.  
key words: Lepidoptera, Nymphalidae, Parasarpa dudu, rain forest, Sumatra, habitats, evolution.

In this paper the author presents a rare South Asian Limenitis species: Parasarpa dudu WW. (Lepidoptera: Nymphalidae). The distribution, the habitats, the early stages, and the food-plants are shown - as far as known - as well as the behaviour of the Sumatran subspecies bockii MOORE, which was observed and photographed in its primary forest habitat in North Sumatra in April 1981.

WUNDERLICH, J.: Die häufigsten Spinnen (Araneae) des Dominikanischen Bernsteins. - p. 26-45.  
key words: Araneae, spiders, fossils, amber, evolution, Dominican Republic.

Five species of spiders (Araneae) from Dominican amber (Miocene to Oligocene, Dominican Republic) are described, among them are the most frequent ones: Tetragnathidae: Nephilinae: Nephila dommeli n.sp.; Theridiidae: Episinus praecognatus n.sp. and Dipoena vicina n.sp.; Gnaphosidae: Veterator incompletus n.sp.; Salticidae: Corythalia pilosa n.sp. - The fossil spider faunas from Dominican and Baltic amber are compared: They have fewer than 10% of their genera in common. About 20% exclusively fossil genera are conserved in Dominican amber; the ratio of exclusively fossil to recent genera in Dominican amber is 1:4, in Baltic amber, on the other hand, it is 4:1.

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