

SOME ADDITIONAL NOTES ON THE PRECEDING, "REPORT ON
A SMALL COLLECTION OF PARASITIC HYMENOPTERA
FROM JAVA AND SUMATRA BY A. B. GAHAN"
AND ON "DESCRIPTIONS OF JAVANESE BRACO-
NIDAE RECEIVED FROM Mr. S. LEEFMANS
BY S. A. ROHWER"

by

S. LEEFMANS.

***Asympiesiella india* GIRAULT.**

An illustration of this species has been given by me in: Mededeelingen van het Instituut voor Plantenziekten No. 51 and in Mededeelingen van het Proefstation voor Thee No. LXXVII on plate 14, fig. B.

The name of this species has, in a letter from Mr. A. B. GAHAN dated July 11, 1921 been mentioned as *Asympiesella indi* GIR. and has been copied thus in the mentioned Mededeelingen. Apparently the name must be *Asympiesiella india* GIR.

Biological notes: The pupae of this parasite are not enveloped in a cocoon but are merely attached to the tea leaf with the apex of the abdomen.

***Diaulomella javensis* GAHAN.**

An illustration of this species has been given by me in both the forementioned "Mededeelingen" on plate 16, fig. E.

***Mestocharella javensis* GAHAN.**

An illustration of this species has been given by me in the forementioned "Mededeelingen" on plate 15, fig. C.

Biolog. notes: From one caterpillar of *Gracilaria theivora* WALS. 4 females and one male was obtained.

***Pleurotropis lividiscutum* GAHAN.**

An illustration of this species can be found in Mededeelingen van het Instituut voor Plantenziekten No. 35, plate 3, fig. 2.

Biol. notes: The species is a hyperparasite of *Apanteles hidaridis* ROHWER, a newfound parasite of *Hidari irava* MOORE, a Hesperid butterfly.

Every cocoon of *Apanteles hidaridis* contained — for as far as they were parasitized — two of these hyperparasites.

Schedius podontiae GAHAN.

The species of *Podontia* from which this species was bred is *Podontia affinis* GROND. The biology of this species was published by me in "De Tropische Natuur", under the title: De Kedongdongspringkever. Some particulars about the parasite are given in vol. XI of this periodical on page 12.

Telenomus latusulcus CRAWFORD.

This species was received by me from Dr. CH. BERNARD, the Director of the Tea Experiment Station at Buitenzorg. The name of the host originates from Dr. BERNARD. Particulars about host and parasite, with illustrations of the latter as fig. 11 and 12, can be found in Mededeelingen van het Proefstation voor Thee No. LXVII.

Apanteles homonae ROHWER.

An illustration of this species has been given by me in: Mededeelingen van het Instituut voor Plantenziekten No. 51 and Mededeelingen van het Proefstation voor Thee LXXVII on plate 17 K.

Biol. notes: The cocoon is white 5 mm long and 1,5 in width. As much as 18 cocoons were obtained from one cocoon of the host.

Apanteles hidaridis ROHWER.

This species has been dealt with and figured by me in: Mededeelingen van het Instituut voor Plantenziekten No. 35, plate 4, fig. 1.

Macrocentrus spec.

This species has been figured by me in the often mentioned Mededeelingen No. 51 and LXXVII on plate 14 as fig. A.

On page 49 the name is mentioned as *Microcentrus* spec. This is apparently a printing error, as the name is mentioned allright in the list of illustrations on page 83.

Biol. notes: From one caterpillar once only males, once only females (12) and once 10 females and one male were obtained. The pupal stage lasted 9 days. Cocoons brown, 5 mm in length.

Microbracon leefmansii ROHWER.

This species has been figured in Mededeelingen 51 and LXXVII fore-mentioned on plate 15, fig. D. As regards the note of Mr. ROHWER I can add that the first report, by my letter of Nov. 27, 1919, has been proved to be doubtfull as in the breedingcage, which was considered to

contain only *Laspeyresia* caterpillars after despatch of the letter some *Gracilaria* moths appeared, so some caterpillars of this species must have been mixed with this lot. Later the parasite was again bred and in this case from *Gracilaria theivora*, so later only this host was mentioned in the letter of Nov. 1921.

As regards the localities mentioned by Mssrs. GAHAN and ROHWER according to my letters, I have taken the liberty to denote the localities more detailed for the convenience of the investigators in Java. Duplicates of the species as far as duplicates were at hand are kept on the "Instituut voor Plantenziekten" at Buitenzorg.