

*Dichagyris imperator* (A. BANG-HAAS, 1912)  
(= *Ochropleura alcarriensis* CALLE & AGENJO, 1981,  
SYN. NOV.) in Europe (Lepidoptera, Noctuidae, Noctuinae)

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**Abstract**

*Ochropleura alcarriensis* CALLE & AGENJO, 1981 described from Spain is synonymized with *Dichagyris imperator* (A. BANG-HAAS, 1912). The mentioned records represent the first specimens of *D. imperator* (A. B.-H) in Europe – and in Libya. An imago and genitalia of both sexes are figured. The European genera in the former genus *Ochropleura* HÜBNER, [1821] are stated.

**Zusammenfassung**

*Ochropleura alcarriensis* CALLE & AGENJO, 1981, von Spanien beschrieben ist Synonym von *Dichagyris imperator* (A. BANG-HAAS, 1912). Die hier genannten Funde von *D. imperator* (A.B.-H.) sind der erste Nachweis für Europa – und Libya. Ein Imago und die Genitalien von beiden Geschlechter sind abgebildet. Die europäische Gattungen in der früheren Gattung *Ochropleura* HÜBNER, [1821] sind dargestellt.

The noctuid moth *Ochropleura alcarriensis* CALLE & AGENJO, 1981 was described on the basis of two, somewhat worn specimens collected in Trillo, Guadalajara, 732 m. by J. L. YELA : ♂ (holotype) 2.IX.1972, ♀ (paratype) 29.VIII.1972. In the original description, comparisons were made with *Dichagyris melanura* (KOLLAR, 1846), but not with other members of *Ochropleura* s. lat. from the Mediterranean subregion.

We have now examined a photograph of the genitalia of the male holotype of *O. alcarriensis* (the preparation in question, unfortunately, is somewhat damaged) as well as the genitalia (fig. 1-4) of additional specimens of both sexes recently collected in Spain by J. L. YELA. This examination has confirmed the initial suspicion of M. FIBIGER and A. MOBERG, that *O. alcarriensis* is a junior synonym of *Dichagyris imperator* (A. BANG-HAAS, 1912), type locality : Biskra, Algeria, Syn. Nov. We believe the identity of the BANG-HAAS taxon is perfectly clear from his original description, and we



Fig. 1. Male genitalia of the holotype of *Ochropleura alcarriensis* CALLE & AGENJO, 1981 from Spain, Guadalajara, Trillo, 732 m., 2.IX.1972 leg. J. L. Yela, coll. J. A. CALLE (H. HACKER phot.).

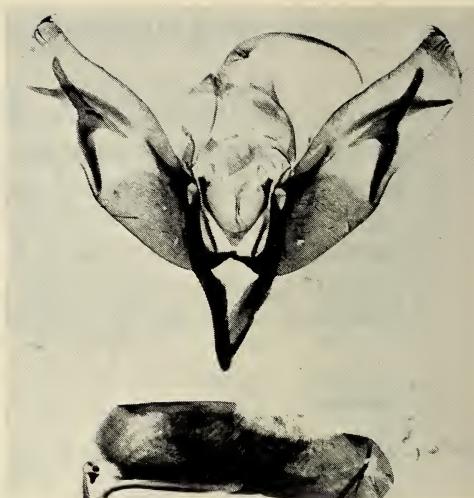


Fig. 2. Male genitalia of *Dichagyris imperator* (A. BANG-HAAS, 1912) Marocco mer. Tinerkir, 1350 m., 6.-8.v. 1973 leg. BENDER, coll. Zool. Staatsamml. München. Prep. HACKER N. 2087 (H. HACKER phot.).

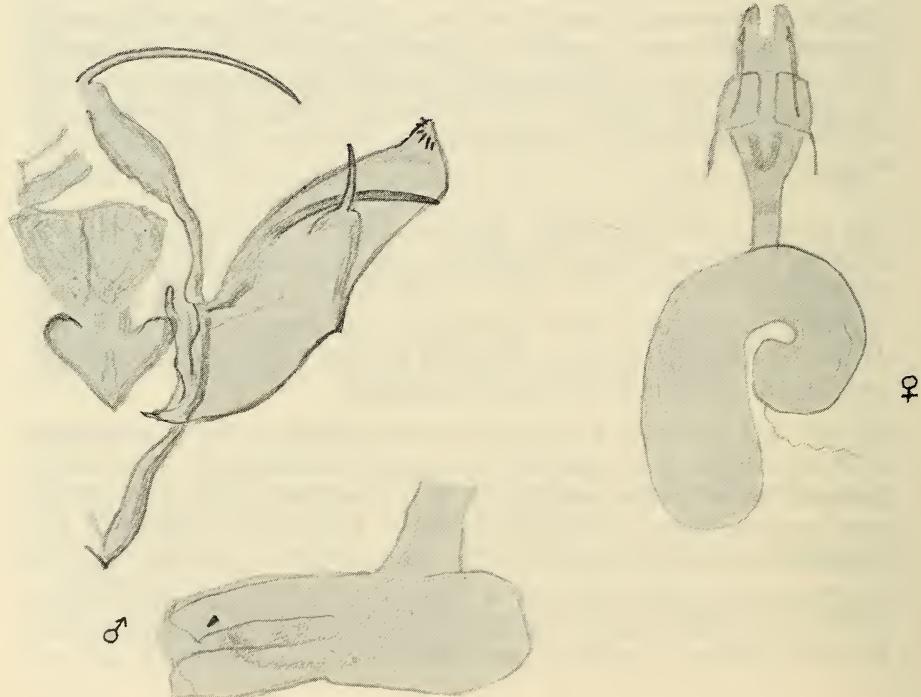


Fig. 3. Male and female genitalia of *Dichagyris imperator* (A. B.-H.) from Spain, Guadalajara (J. L. YELA del.). ♂: Boquilla de Gualda/Gualda, Guadalajara, 698 m., 12.VIII.1980. leg. & coll. J. L. YELA. ♀: Gargoles de Abajo, Guadalajara, 817 m., 15.VIII.1982. leg. J. L. YELA.

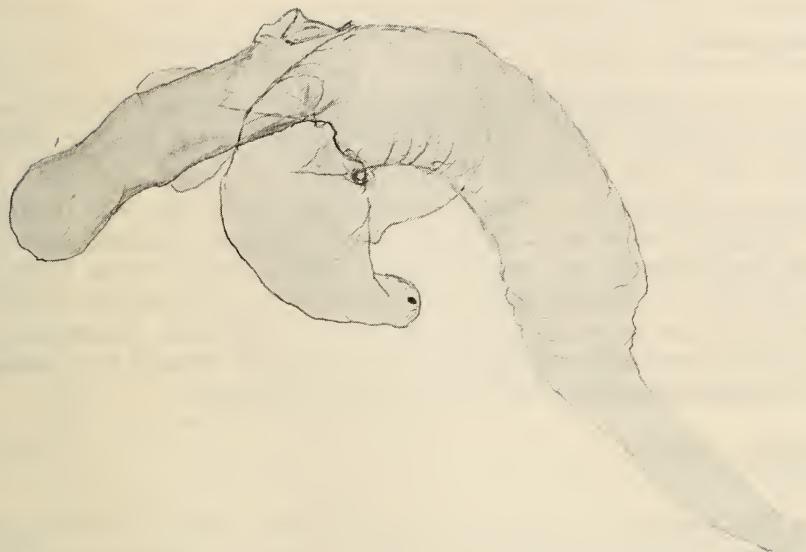


Fig. 4. Everted vesica of *D. imperator* (A. B.-H.) from Libya (A. MOBERG del.).



Fig. 5. *Dichagyris imperator* (A. B.-H.) Libya, Gharian, Wadi El Hira, 6.V.1983 leg. U. SENECA, coll. M. Fibiger (D. WILSON phot.).

have at our disposal a series of North African specimens (Fig. 5) conforming with this description.

## Distribution

*D. imperator* is distributed in SW Asia (WILTSIRE, 1948) and North Africa : Marocco (RUNGS, 1981), Algeria, Egypt (Sinai) (CORTI & DRAUDT, 1933), Libya (first record : Gharian, Wadi El Hira, 5 specimens, May 1983, U. SENECA, Denmark leg.). The species has not previously been recorded from Europe, but in addition to the above mentioned C-Spanish ones, we have been informed of a record from SE Spain, Sierra Nevada, 1100 m, 11.VII.1973 (Z. VARGA, pers. comm.), and CALLE & DEL SAZ (1981) records the species from Tragacete (Cuenca) 13.VIII.1978, leg. & coll. A. DEL SAZ. The spanish populations are not sufficiently different for regarding as a subspecies ; they belong to the nominate subspecies.

## Biology

The flight period of *D. imperator* is long, it has been found from April to July and again in August and September. Whether it has two generations, or (like several other noctuids) has a summerdiapause remains unknown.

The caterpillar hibernates and has been found on *Zygophyllum* sp. (*Zygophyllaceae*) in April (CORTI & DRAUDT, 1933).

## Taxonomy

The European members of the genus *Ochropleura* HÜBNER, [1821] sensu HARTIG & HEINICKE (1973) are now segregated into three genera, *Ochropleura*, *Actebia* STEPHENS, 1829 and *Dichagyris* LEDERER, 1857 (including *Yigoga* NYE, 1975 (= *Ogygia* HÜBNER, [1821])) and *Stenosomides* STRAND, 1942 as subgenera) in accordance with results of recent studies on this complex by J. D. LAFONTAINE (FIBIGER & SVENDSEN, 1984).

## Acknowledgments

The authors wish to express their gratitude to Dr. J. CALLE, Spain, to E. P. WILTSIRE, England and Dr. N. P. KRISTENSEN, Denmark for discussions, to H. HACKER, BRD and D. WILSON, England for photographs, to P. SVENDSEN, Denmark and Dr. Z. VARGA, Hungary for information and to U. SENECA, Denmark for the beautiful *D. imperator* (A. B.-H.) photographed here.

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Artikel/Article: [Dichagyris Imperator \(A. Bang-Haas, 1912\) \(= Ochropleura alcarriensis Calle & Agenjo, 1981, Syn. Nov.\) in Europe \(Lepidoptera, Noctuidae, Noctuinae\) 331-335](#)