

Kontyû, Tokyo, 42(2): 107-109. June 25, 1974

An Additional Note to the Odonata of Iraq

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Synopsis Nine species of the Odonata taken from Iraq were recorded. A Middle East species, *Onychogomphus lefebvrei* (RAMBUR), was added to the Iraqi fauna for the first time, and was compared with the individuals from neighbouring areas.

In my previous paper (ASAHINA, 1973), forty species of the Odonata were recorded from Iraq, of which twenty-seven were taken by Mr. S. IGARASHI during his stay 1969 to 1971. A small part of his collection which has escaped my attention at that time has now become available for me. The following note was consequently prepared with special reference to a gomphid, *Onychogomphus lefebvrei*, which is a new addition to the Iraqi fauna. Thus, the Iraqi Odonata became forty-one species.

1. *Onychogomphus lefebvrei* (RAMBUR)

Gomphus lefebvrei RAMBUR, 1840, pp. 166-167, pl. 4, fig. 4, ♀ "de la collection de M. SERVILLE; elle été rapportée d'Egypte par M. LEFEBVRE, qui l'a prise a l'oasis de Bahrieh (individu en mauvais état)".

Gomphus lefebvrei: SELYS, 1854, p. 37 "Patre: Egypte (collect. SELYS et Musée de Berlin)".

Gomphus forcipatus race *lefebvrei*: SELYS, 1858, pp. 33-40.

Onychogomphus lefebvrei: SELYS, 1887, p. 27 "Egypte; Asie Mineure et Sirie: Beyrut-Antioche".

Onychogomphus lefebvrei SELYS (*nec* RAMBUR): SELYS, 1878, p. 678 (Perse, MACLACHLAN; Beyrut, STAUDINGER).

Lindenia lefebvrei: KIRBY, 1890, pp. 58-59 "Egypt".

Onychogomphus lefebvrei: ANDRES, 1928, pp. 27-28 ("not available").

Onychogomphus lefebvrei: BARTENEV, 1916, p. 41 (Shahrud, V. VI., ♂♂♀♀).

Onychogomphus lefebvrei: SCHMIDT, 1955, p. 249 "Coll. SCHMIDT: Seguch, 7000 fuss, sö. Kerman, S.-Persia, 5. VII. 34, H. E. J. BIGGS, 1♂ ex duplis Zool. Mus. Univ. Berlin".

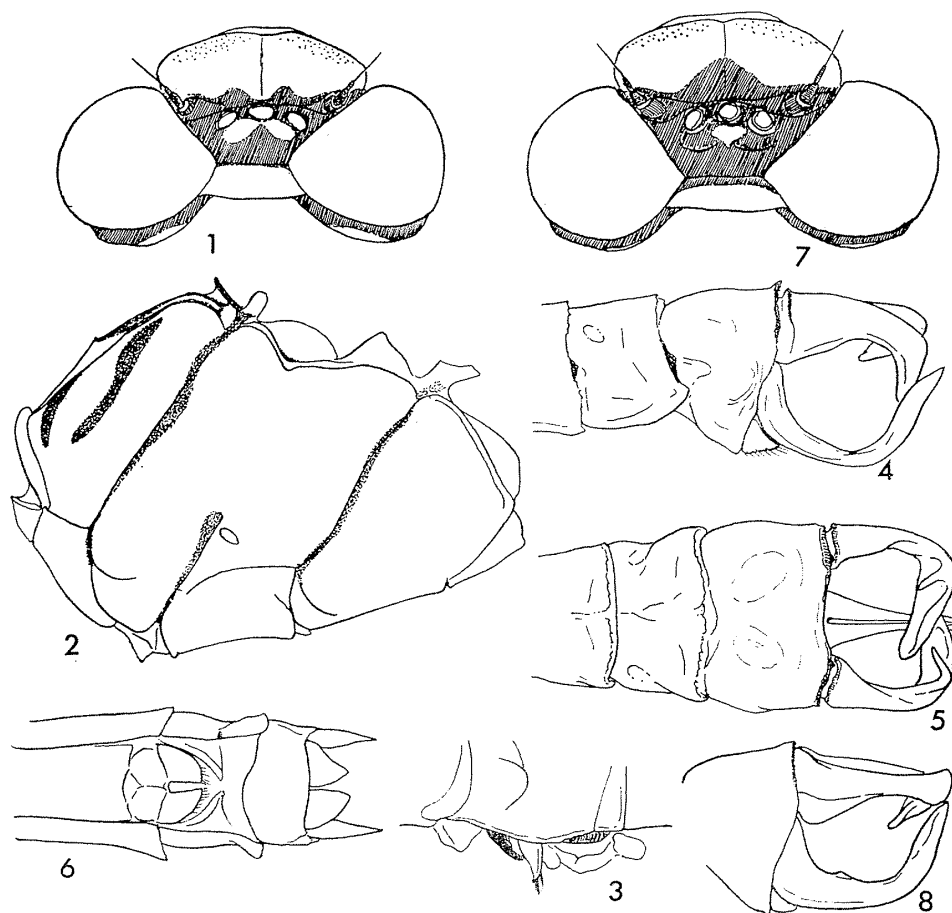
Onychogomphus forcipatus lefebvrei: ST. QUENTIN, 1965, p. 539, Abb. 3a, 3b "Exemplare aus Anatolien, Syrien und Persien vor."

Onychogomphus lefebvrei: LIEFTINCK, 1966, p. 47 (not agreeable with ST. QUENTIN, 1965). 1♂, Sarsang, Dahok, N. Iraq, 13. VII. 1970, leg. IGARASHI.

New to Iraq. Only a single male insect was captured from the Turkish border. The body coloration is very pale, dark markings being extremely retarded. A comparison was made with the series in the Erich Schmidt Collection which came from Turkey, Syria, Lebanon and Persia. The head markings of the present specimen are more diminished (Fig. 1) than those of southern Turkish specimens (Fig. 7), but a specimen from Persia at hand shows more reduced dark part.

Against ST. QUENTIN (1965, p. 539) the inclusion of this species within

geographical races of *Onychogomphus forcipatus* does not seem to be justified, as LIEFTINCK (1966, p. 47) discussed. I found, however, one Turkish male specimen provided with a very slight submedian process on the male inferior caudal appendage among 28 Turkish ♂♂ specimens (Fig. 8).



Figs. 1-5. *Onychogomphus lefebvrei*, ♂, Sarsang, N. Iraq. — 1. Head. — 2. Pterothorax, lateral. — 3. Accessory genitalia, lateral. — 4, 5. Caudal appendages.

Fig. 6. Do., ♀, Turkey; distal abdominal segments, ventral.

Fig. 7. Do., ♂, South Turkey; head.

Fig. 8. Do., ♂, Adana, Turkey; caudal appendages.

2. *Caliaeschna microstigma* (SCHNEIDER)

4 ♂♂, Sarsang, Dahok, N. Iraq, 30. VI. 1970.

3. *Orthetrum sabina sabina* (DRURY)

1 ♀, Basrah, 21. III. 1970; 1 ♂, Basrah, 13. VI. 1970.

4. *Crocothemis servilia* (DRURY)

1 ♂, Basrah, 21. III. 1970; 1 ♀, Basrah, 6. III. 1970.

5. *Crocothemis erythraea chaldaeorum* MORTON
1 ♂, Basrah, 13. VI. 1970.
6. *Diplacodes lefebvrei* RAMBUR
1 ♀, Basrah, 22. V. 1970.
7. *Brachythemis fuscopalliata* (SELYS)
1 ♂, Basrah, 9. VII. 1970.
8. *Trithemis annulata* (BEAUVAIS)
1 ♀, Basrah, 13. VI. 1970.
9. *Selysiothemis nigra* (VAN DER LINDEN)
1 ♂, Basrah, 15. V. 1970; 3 ♂♂, 4 ♀♀, Basrah, 22. V. 1970; 1 ♀, Basrah,
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