

Dragonfly records from coastal Andalusia in October

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13 spp. from 4 localities are reported. The records of *Sympetrum sinaiticum tarraconense* Jödicke and an intermediate form of the *Orthetrum coerulescens/-anceps*-complex are of special interest.

Introduction

During a vacation trip to the coast of Andalusia in October 1991, we visited some freshwater localities in order to observe and photograph dragonflies. In two cases, the specimens collected were important for further studies (JÖDICKE, 1994; KLINGENBERG & MARTENS, 1996). Little is known about the occurrence of dragonflies in the autumn. Hence a brief list of our records is presented.

List of localities

- (1) Ditch at the Parador del Golf Málaga E Torremolinos; 08.-17.10.91. Ditch flowing into the sea, banks overgrown with *Phragmites*.
- (2) Pond at the motorway access road to the Parador del Golf Málaga near Torremolinos; 08.10.91.
- (3) Pond at the motorway junction SW Málaga; 17.10.91. Maximum depth 30 cm, without aquatic vegetation.
- (4) Stream near El Romeral W Málaga; 18.+19.10.91. Tributary of the Río Guadalhorce.

List of species

The numbers in brackets refer to the locality list given above. The maximum number of individuals seen and observations on the reproductive behaviour are added. Voucher specimens of all species, except the aeshnids, were collected.

Calopteryx haemorrhoidalis (Vander L.) - (4): 20, copulation (cop.), oviposition (ovip.).

Ischnura graellsii (Ramb.) - (1): 30, ovip.; (2): 5; (3): 20; (4): 1.

Aeshna mixta Latr. - (1): 10, ovip.; (2): 1; (4): 1.

Anax imperator Leach - (1): 6, ovip.; (3): 1.

A. parthenope Sel. - (1): 10, cop., ovip.; (2): 1; (3): 1.

Orthetrum cancellatum (L.) - (1): 1 female, 18.10.91.

O. chrysostigma (Burm.) - (1): 4, cop., ovip.; (2): 2; (3): 2, cop.; (4): 1.

O. coerulescens/-anceps - (4): 1 male of the intermediate form, 19.10.91 (cf. KLINGENBERG & MARTENS, 1996).

Crocothemis erythraea (Brullé) - (1): 25, cop., ovip.; (2): 30, cop., ovip.; (3): 3; (4): 3.

Sympetrum fonscolombii (Sel.) - (1): 25, ovip.; (3): 100, ovip.; (4): 1.

S. sinaiticum tarraconense Jödicke - (4): 5, ovip., 2 males leg., 19.10.91 (cf. JÖDICKE, 1994).

S. striolatum (Charp.) - (3): 20, ovip.; (4): 20, ovip.

Trithemis annulata (P. de Beauv.) - (1): 1; (4): 6, ovip.

References

- JÖDICKE, R. (1994): Subspecific division of *Sympetrum sinaiticum* Dumont, 1977, and the identity of *S. vulgatum decoloratum* (Selys, 1884) (Anisoptera: Libellulidae). *Odonatologica* 23: 239-253
- KLINGENBERG, K. & A. MARTENS (1996): Record of an intermediate form between *Orthetrum coerulescens* (Fabricius) and *O. anceps* (Schneider) in southern Spain (Anisoptera: Libellulidae). In: Studies on Iberian dragonflies, R.Jödicke (Ed.). *Adv. Odonatol.*, Suppl.: 117-121

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