

ODONATE COLLECTION IN THE DEPARTMENT OF AGRICULTURAL ENTOMOLOGY AND ZOOLOGY OF THE UNIVERSITY OF NAPLES

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Abstract – A checklist is given of 41 spp. from Austria, Cyprus, Finland, Germany, Greece, Hungary, Italy, Poland and Portugal. *Brachytron pratense* (Müll.) is for the first time recorded from Calabria, southern Italy.

Introduction

The collection of Odonata of the Department of Agricultural Entomology and Zoology of the University of Naples in Portici is not very rich. There are 210 specimens, kept in 15 boxes, collected between 1905 and 1940 in different European localities, but above all in southern Italy and in the vicinity of Naples.

Species list

The checklist reported below is arranged according to the sequence of families proposed by ASKEW (1988). The locality labels are not always complete. Besides, some specimens have no label at all. Some localities are reported as "country unknown", as it was not possible to localize them.

CALOPTERYGIDAE

– *Calopteryx haemorrhoidalis* (Vander L.)

I t a l y: Benevento, V-1920, 1 ♂; – id., IX-1918, 1 ♂. – Province of Catanzaro: Nicastro, IX-1905, 1 ♂, 1 ♀. – Province of Messina: Ucria, 18-VI-1931, 1 ♂. – Province of Salerno: Ascea, 20-VII-1929, 1 ♀; – id., 1-VIII-1929, 1 ♀; – Battipaglia, 19-VII-1918, 1 ♂; – Pisciotta, 17-VII-1935, 1 ♀; – Vallo della Lucania, 4-IX-1918, 1 ♂, 1 ♀. – Province of Vibo Valentia: Arena, 1-VIII-1929, 1 ♂; – Sambiasi, V-1920, 1 ♂.

– *C. splendens ancilla* Sél.

I t a l y: Province of Napoli: Castellammare di Stabia, VII-1935, 19 ♂, 2 ♀; – id., VI-1935, 2 ♂, 1 ♀; – id., VIII-1935, 1 ♂; – Portici, 1929, 1 ♂. – Province of Vibo Valentia: Sambiasi, V-1920, 1 ♀. – Country unknown: Schito, 27-VIII-1940, 1 ♀.

– *C. virgo* (L.)

I t a l y: Province of Salerno: Teggiano, 27-VI-1920, 1 ♀.

LESTIDAE

– *Chalcolestes v. viridis* (Vander L.)

G e r m a n y: Leipzig, 1 ♂.

– *Lestes barbarus* (Fabr.)

I t a l y: Catania, 28-IV-1940, 1 ♀. – Province of Caserta: Sessa Aurunca, 10-V-1930, 1 ♂. – Province of Napoli: Portici, 2 ♂.

– *L. sponsa* (Hans.)

"Fennia" (= Finland): 18-VII-1931, 1 ♂, 2 ♀; – id., 28-VII-1931, 1 ♂; – id., 31-VII-1931, 1 ♂.

– *Sympecma fusca* (Vander L.)

A u s t r i a: Vienna, 1 ♀. – C y p r u s: Ayoios Joannis, alt. 3500-4000 ft, ♂, ♀ (?). – G e r m a n y: Berlin, 1 ♂; – Dresden, 1 ♂. – I t a l y: Province of Salerno: Piaggine, VII-1921, 1 ♀.

PLATYCNEMIDIDAE

– *Platycnemis pennipes* (Pall.)

A u s t r i a: Vienna, 1 ♂. – H u n g a r y: Budapest, 1 ♀. – I t a l y: Province of Salerno: Vallo della Lucania, 4-IX-1918, 1 ♂, 1 ♀. – C o u n t r y u n k n o w n: 2-VI-1925, 1 ♂.

COENAGRIONIDAE

– *Cercion lindeni* (Sel.)

I t a l y: Province of Napoli: Portici, 1 ♂. – Province of Vibo Valentia: Sambiasi, 25-VI-1921, 1 ♂.

– *Ceriagrion tenellum* (de Vill.)

I t a l y: Benevento, IX-1918, 1 ♂. – Province of Napoli: Castellammare di Stabia, VII-1935, 2 ♂, 2 ♀ (forma typica). – C o u n t r y u n k n o w n: Schito, 27-VIII-1940, 1 ♀.

– *C. caerulescens caesarum* Schmidt

I t a l y: Province of Foggia: Lesina, VII-1939, 1 ♀. – C o u n t r y u n k n o w n: Schito, 27-VIII-1940, 1 ♀.

– *C. hastulatum* (Charp.)

"Fennia" (= Finland): 7-VI-1931, 1 ♂, 1 ♀.

– *C. mercuriale castellani* Roberts

I t a l y: Province of Salerno: Pompei, 29-V-1927, 1 ♀; – id., 2-VII-1927, 1 ♀.

– *C. puella* (L.)

A u s t r i a: Vienna, 2 ♂. – C o u n t r y u n k n o w n: Schito, 14-VI-1922, 1 ♀.

- *C. pulchellum mediterraneum* Schmidt
Italy: Province of Napoli: Castellammare di Stabia, VII-1935, 1 ♂.
- *Coenagrion p. pulchellum* (Vander L.)
Finland: Turku, 1 ♀. - "Fennia" (= Finland): 18-VII-1931, 1 ♂.
- *C. scitulum* (Ramb.)
Country unknown: Schito, 14-VI-1922, 1 ♂.
- *Enallagma cyathigerum* (Charp.)
Austria: Vienna, 1 ♂. - Germany: Braunschweig, 1 ♂.
- *Erythromma najas* (Hans.)
Austria: Vienna, 1 ♂, 2 ♀.
- *Ischnura elegans* (Vander L.)
Greece: Poros, 1 ♂. - Italy: Province of Salerno: Pompei, 29-V-1927, 1 ♂; - Scafati, 9-V-1927, 1 ♀. - "Fennia" (= Finland): 5-VIII-1931, 1 ♂, 1 ♀; - id., 2-VII-1931, 1 ♂.
- *Pyrrhosoma nymphula* (Sulz.)
Germany: Braunschweig, 1 ♀. - "Fennia" (= Finland): 18-VII-1931, 1 ♂.

AESHNIDAE

- *Aeshna affinis* Vander L.
Italy: Province of Napoli: Castellammare di Stabia, 13-VII-1927, 1 ♀.
- *A. cyanea* (Müll.)
Austria: Vienna, 1 ♀. - Italy: Benevento, VII-1918, 1 ♂. - Province of Napoli: Portici, 16-VIII-1929, 1 ♂; - id., 30-VII-1927, 1 ♀; - id., 4-X-1931, 1 ♂; - id., 9-VIII-1927, 1 ♀; - id., 8-IX-1927, 1 ♀; - id., 1 ♀. - "Fennia" (= Finland): 25-VIII-1931, 1 ♂.
- *A. mixta* Latr.
Italy: Province of Brindisi: S. Vito dei Normanni, VII-1905, 1 ♂.
- *Anax imperator* Leach
Italy: Province of Napoli: Castellammare di Stabia, VI-1935, 1 ♂, 1 ♀; - Portici, 2-X-1933, 1 ♂; - id., 15-VI-1919, 1 ♀.
- *Brachytron pratense* (Müll.)
Italy: Province of Vibo Valentia: Sambiasi, VI-1920, 1 ♀.

GOMPHIDAE

- *Gomphus vulgatissimus* (L.)
Germany: Berlin, 1 ♂. - Italy: Benevento, V-1918, 1 ♂. - Country unknown: "Patria", 1 ♀.
- *Onychogomphus f. forcipatus* (L.)
"Fennia" (= Finland): 13-VII-1931, 1 ♂.

LIBELLULIDAE

- *Crocotthemis erythraea* (Brullé)
Italy: Benevento, VII-1918, 1 ♀. - Catania, 1934, 3 ♂, 1 ♀. - Province of Napoli: Castellammare di Stabia, 9-V-1927, 1 ♀; - Portici, 4 ♂, 2 ♀. - Province of Roma: Fiumicino, 19-IX-1918, 1 ♂. - Province of Salerno: Ascea, 1-VIII-1929, 1 ♂; - id., 5-VIII-1929, 1 ♂; - id., 18-VIII-1929, 1 ♀. - Province of Sassari: Tempio Pausania, VI-1906, 1 ♂.
- *Leucorrhinia dubia* (Vander L.)
Germany: Braunschweig, 1 ♀. - "Fennia" (= Finland): 1 ♂.
- *L. rubicunda* (L.)
"Fennia" (= Finland): 16-VI-1931, 1 ♂; - id., 17-VI-1931, 1 ♀.
- *Libellula fulva* Müll.
Italy: Province of Napoli: Portici, 1928, 1 ♀; - Castellammare di Stabia, VII-1935, 6 ♂, 2 ♀. - Country unknown: Schito, 14-VI-1922, 1 ♂.
- *L. quadrimaculata* L.
"Fennia" (= Finland): 19-VI-1931, 1 ♂, 1 ♀.
- *Orthetrum brunneum* (Fonsc.)
Italy: Province of Napoli: Castellammare di Stabia, VII-1935, 2 ♂, 1 ♀; - Portici, 1 ♂. - Province of Salerno: Ascea, 1-VIII-1929, 2 ♂. - Province of Trento: Civezzano Trentino, VIII-1905, 1 ♀. - Province of Vibo Valentia: Sambiasi, V-1920, 1 ♀.
- *O. cancellatum* (L.)
Austria: Vienna, 1 ♂. - Italy: Province of Napoli: Portici, 1 ♂, 1 ♀. - Catania, 1934, 1 ♀. - Country unknown: "Patria", 1 ♂.
- *O. coerulea* (Fabr.)
Italy: Province of Benevento: Benevento, IX-1918, 2 ♂; - id., 1920, 1 ♀. - Province of Napoli: Castellammare di Stabia, VIII-1935, 2 ♂; - id., VII-1935, 8 ♂, 2 ♀; - id., VI-1935, 2 ♂, 3 ♀. - Province of Vibo Valentia: Sambiasi, 23-VI-1921, 1 ♀; - id., V-1920, 1 ♀.
- *Sympetrum danae* (Sulz.)
Germany: Braunschweig, 1 ♂, 1 ♀. - Poland: Breslau, 1 ♀. - Country unknown: 18-IX-1926, 1 ♂.
- *S. flaveolum* (L.)
Austria: Sachsenburg, 1 ♂, 1 ♀.
- *S. fonscolombeii* (Sél.)
Italy: Province of Napoli: Portici, 1 ♂; - id.,

- 5-VII-1927, 1 ♂; – id., 12-V-1928, 1 ♀.
– *S. meridionale* (Sulz.)
Germany: Bavaria: Nürnberg, 1 ♀.
– *S. sanguineum* (Müll.)
Germany: Leipzig, 1-IX-1926, 1 ♂. – Portugal: Porto, 1 ♀.
– *S. striolatum* (Charp.)
Italy: Benevento, IX-1918, 1 ♂. – Province of Napoli: Portici, 2 ♂, ♂ ♀; – id., X-1917, 1 ♀; – id., 1928, 1 ♂, 1 ♀.
– *S. vulgatum* (L.)
“Fennia” (= Finland): 3-VIII-1931, 1 ♂.

Conclusion

The odonate collection of the Department of Entomology and Zoology of the University of Naples consists of 41 species (21 Zygoptera, 20

Anisoptera). The record of *Brachytron pratense* is very important: this specimen, caught in Sambiasi, near the town of Catanzaro, is the first record for Calabria (southern Italy). Its presence in Italy is known only from 56 localities (personal data) and for this reason the species should be considered as “threatened”, though it was not reported as such by UTZERI (1995).

References – ASKEW, R.R., 1988, *The dragonflies of Europe*, Harley Books, Martins; – UTZERI, C., 1995, Odonata, in: A. Minelli, S. Ruffo & S. La Posta, Checklist delle specie della fauna italiana, 35, pp. 1-7, Calderini, Bologna.

Received June 21, 1996