

Faunistic data of dragonflies from Spain

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Some hitherto unpublished records, based on data from 37 provinces provided by several workers, are listed. All but 4 of the 73 spp. which are known from Spain are included. The exceptions are *Platynemesis pennipes* (Pall.), *Brachythron pratense* (Müll.), *Lindenia tetraphylla* (Vander L.) and *Zygonyx torrida* (Kirby). In addition there are eight records of *Calopteryx splendens caprai* Conci and *Erythromma najas* (Hansemann), but unfortunately no voucher specimens. These taxa are therefore not included in the Spanish fauna, pending confirmation.

Introduction

In the work by OCHARAN LARONDO (1987) a thorough synopsis of data of the Spanish dragonfly fauna was provided. He mentioned 70 species on the basis of a bibliographic analysis and his own extensive mapping. Three further species were added by FERRERAS-ROMERO (1989), MICHELS & VERHEYEN (1990) and ANSELIN & HOSTE (1995), viz. *Sympetrum decoloratum sinaiticum* (now named: *S. sinaiticum tarraconense*), *Leucorrhinia dubia* and *Coenagrion pulchellum*, bringing the checklist of Spain up to 73 species. The record of *Ophiogomphus cecilia* by PICAZO & ALBA-TERCEDOR (1992) is omitted here due to some uncertainty.

However, these data only uncompletely reflect the experiences of the many visitors to Spain who collected and observed dragonflies during their holiday trips. I have therefore started to compile reports of this unpublished material. Each record is laid out as in OCHARAN LARONDO (1987), giving the locality, the province, the observation date and the person responsible for identification. All localities are identifiable on a 1:300,000 road map. The data are arranged as follows: (1) systematic order of the species, (2) within a species, alphabetical order of the provinces, (3) within a province, chronological order according to the date of record.

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Abbreviations of the Spanish provinces with dragonfly records

ALB	Albacete	CÓRD	Córdoba	OUR	Ourense
ALM	Almería	GIR	Girona	PAL	Palencia
AST	Asturias	GRA	Granada	PON	Pontevedra
ÁVI	Ávila	GUA	Guadalajara	SEV	Sevilla
BAD	Badajoz	GUI	Guipúzcoa	SOR	Soria
BAL	Baleares	HUEL	Huelva	TAR	Tarragona
BAR	Barcelona	HUES	Huesca	TER	Teruel
BUR	Burgos	JAÉ	Jaén	TOL	Toledo
CÁC	Cáceres	LEÓ	León	VAL	Valencia
CÁD	Cádiz	LLE	Lleida	ZAM	Zamora
CAS	Castellón	MAD	Madrid	ZAR	Zaragoza
CIU	Ciudad Real	MÁL	Málaga		
COR	A Coruña	NAV	Navarra		

Records of species

- *Calopteryx haemorrhoidalis* (Vander Linden)

[All records without reference to the subspecific status most probably belong to the nominate ssp.]

Río Lezuza W Albacete (ALB), 10.03.93, C. Röhn [larvae]
 Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, 05.09.83, P. Jahn
 Río Guadalete W Algodonales on both sides of N-342 (CÁD), 17.-18.04.88, P. Jahn
 Tributary of Río Trejo W Puerto Cabañas, E Algodonales (CÁD), 17.04.88, P. Jahn
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn
 Río Tavizna NW Ubrique, downstream CA-524 (CÁD), 20.04.88, P. Jahn
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Stream 8 km W Olvera at N-342 (CÁD), 19.04.88, R. Busse
 El Molino near La Zorilla 15 km NW Los Barrios (CÁD), 07.07.90, E. Prendergast
 Almenara (CAS), 24.08.93, C. Bonet
 Río Cenia 1 km E Embalse de Uildecona (CAS), 19.-30.07.94, B. Mählendorf
 Stream at San Juan 4 km SSW Puente de Ume (COR), 10.08.-05.10.84, J. Hoffmann [ssp. *asturica*]
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann [ssp. *asturica*]
 Río Lambre 2 km SE Miño (COR), 05.09.-10.09.84, J. Hoffmann [ssp. *asturica*]
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann [ssp. *asturica*]
 Stream in the Gandaras de Budiño 5 km S Porriño (COR), 15.09.84, G.-M. Heintze [ssp. *asturica*]

Small stream at western shore of lake Banyoles (GIR), 25.07.88, M. Wasscher
 Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 Stream near El Port de la Selva (GIR), 13.07.93, M. Schaub & M. Kéry
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 El Ser N Banyoles (GIR), 16.07.94, D. Grand
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
 El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
 Stream N Otívar, Sierra del Chaparral (GRA), 17.08.79, 05.08.81, (13.04.88 larvae), P. Jahn
 Río Guadalfeo S Orgiva (GRA), 26.03.95, C. Röhn [larvae]
 Stream near Molares at N-435, Sierra de Aracena (HUEL), 01.08.81, P. Jahn
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 La Laguna W Sariñena (HUES), 17.07.84, 07.85, A. Anselin
 Stream at St. Maria (HUES), 26.07.93, M. Schaub & M. Kéry
 Small stream at C-230 between Sariñena and Alcolea de Cinca (HUES), 28.07.93, M. Schaub & M. Kéry
 Stream at gravel-pit E Sariñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Stream N Lleida (LLE), 02.08.74, R. Jödicke
 Ribera Salada between Basella and Ogem (LLE), 22./23.08.87, P. Jahn
 Stream at L-511 4 km below Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Río de Conques at L-912 W Figuerola (LLE), 15.07.93, M. Schaub & M. Kéry
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Ditch near Torrelaguna (MAD), 25.07.91, G. Jurzitza
 Stream downstream Carratraca (MÁL), 19.07.87, R. Busse
 Stream SW El Burgo (MÁL), 24./27.07.87, R. Busse
 Río Guadalteba NW Serrato near N-341 (MÁL), 24.07.87, R. Busse
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, 18.04.88, R. Busse
 Río Guadalteba, El Chorro (MÁL), 09.89, G. Jurzitza
 Arroyo Casarabonela near Alozaina (MÁL), 16.09.89, G. Jurzitza
 Brooks between Carratraca and Ardales (MÁL), 30.05.92, W. Jakobs
 Río Algas near Caseres at bridge of N-420 (TAR), 30.06.91, D. Grand
 Río de la Canaleta at bridge of N-230 (TAR), 09.07.92, D. Chelmick
 Río Ulldemo near Beceite (TER), 28.07.94, B. Mahlendorf
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn
 Small stream below Alfara de Algimia NW Sagunto (VAL), 25.05.90, D. Grand
 Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, D. Chelmick
 Río Guadaloque near Caspe (ZAR), 03.07.93, D. Grand

• *Calopteryx splendens caprai* Conci

Stream along the road to San Miguel de Aralar (NAV), 13.07.88, J. de Volder

Observer's remark: „We found one male of this subspecies at an open and sunny stream with no visible current.“ [J. de Volder]

Río Aragón Subordán, 1 km S Hecho (HUES), 21.07.95, T. Stalling & S. Schaulin

Observer's remark: „One male was observed. Unfortunately I failed to catch the insect. It definitively did not belong to *xanthostoma*, but resembled *caprai*.“ [T. Stalling & S. Schaulin]

Editor's remark on both records: There is no previous record of this taxon in the Iberian Peninsula (OCHARAN, 1988), though MAIBACH (1987) remarked that Spain is within its range, but without giving localities. Confirmation of these records with a full analysis of a series of specimens is required.

- *Calopteryx splendens xanthostoma* (Charpentier)

- Río Pilona near Arriendas (AST), 22.07.89, A. Anselin
 Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn
 Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Río Urbel between Huérmeces and La Nuez de Arriba (BUR), 19.07.89, A. Anselin
 Río Guadalete W Algodonales on both sides of N-342 (CÁD), 16.-18.04.88, P. Jahn
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 El Ser N Banyoles (GIR), 16.07.94, D. Grand
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
 El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
 Forest stream near Sigüenza (GUA), 22.07.87, G. Jurzitza
 Río Urmea 3 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Río Asabon between Huesca and Puente la Reina (HUES), 26.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Río Vero near Alquezar (HUES), 13.07.89, A. Anselin
 Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Tributary of Río Aragón S Ascara, 8 km W Jaca (HUES), 15.07.91, G. de Knijf
 Santa Cruz de la Serós, 10 km SW Jaca (HUES), 16.07.91, G. de Knijf
 Lower course of Río Isabena S La Puebla de Roda (HUES), 17.07.93, M. Schaub & M. Kéry
 Stream near St. Maria (HUES), 26.07.93, M. Schaub & M. Kéry
 Guadalquivir near Fuente de la Pascuala, El Tranco (JAÉ), 03.05.87, A. Anselin
 Stream N Lleida (LLE), 02.08.74, R. Jödicke
 Stream E Noves de Segre, SE La Seu d'Urgell (LLE), 13.08.81, P. Jahn
 Ribera Salada between Basella and Ogerm (LLE), 22./23.08.87, P. Jahn
 Río Cardener between Clariana and Cardona (LLE/BAR), 24.08.87, P. Jahn
 Río Manzanares near El Pardo (MAD), 20.09.85, 20.05.86, 06./08./09./10.06.+21./23.07.87, G. Jurzitza
 Ditch near Torrelaguna (MAD), 25.07.91, G. Jurzitza
 Río Jarama near Patones (MAD), 25.07.91, G. Jurzitza
 Hoyo del Manzanares (MAD), 06.06.87, 28.07.91
 Río Turón SW Ardales (MAL), 31.05.92, W. Jakobs
 Río Larraun near Latasa (NAV), 14.07.88, J. de Volder
 Río Salazar near Lumbier (NAV), 24.07.+01.08.93, M. Schaub & M. Kéry
 Río Areta at bridge of NA-210 S Imirizaldu (NAV), 24./25.07.+01.08.93, M. Schaub & M. Kéry
 Río Areta N Imirizaldu (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Irati E Liédena (NAV), 01.08.93, M. Schaub & M. Kéry
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 Río Avión near Santiuste (SOR), 30.07.93, M. Schaub & M. Kéry
 Río Duero between Soto de San Esteban and Langa de Duero (SOR), 30.07.93, M. Schaub & M. Kéry

- *Calopteryx virgo meridionalis* Selys

[Several records without reference to the subspecific status are here subsumed under *meridionalis*.]

- Parque natural del Montseny, Río Tordera N Montseny (BAR), 25.08.87, P. Jahn
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Río Cenia between Pantà d'Uldecona and La Senia (CAS), 27.05.90, 02.09.93, D. Grand
 Río Eume 10 km E Puente de Eume (COR), 14.-18.08.84, J. Hoffmann
 Río Lambre 2 km SE Miño (COR), 05.09.-10.09.84, J. Hoffmann

Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Tributary of el Fluvia at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 Río Fardes E Ventas del Molinillo, S E-26/N-342 (GRA), 17.07.75+18.08.79, P. Jahn
 Stream 1 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Río Urnea 3 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Ditch near Río Aragón 1 km N Jaca (HUES), 14.07.91, G. de Knijf
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Guadalquivir near Fuente de la Pascuala, El Tranco (JAÉ), 03.05.87, A. Anselin
 Valle de la Iglesia between Riaño and Puerto de Pontón (LEÓ), 22.07.89, A. Anselin
 Stream at L-401 between Berga and Sant Llorenç (LLE), 14.07.93, M. Schaub & M. Kéry
 Stream an L-511 4 km below Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Parque Regional Cuenca alta del río Manzanares (MAD), 26.07.87, G. Jurzitza
 Valle de la Barranca, Sierra de Guadarrama (MAD), 23.07.87, 29.07.91, G. Jurzitza
 Río Canencia near Canencia, Sierra de Guadarrama (MAD), 25.07.81, G. Jurzitza
 Stream S Encinetas, Sierra Palmitera, at C-339, SSE Ronda (MÁL), 11./12.07.75, P. Jahn
 Río Esca near Burgui (NAV), 12.07.82, A. Anselin
 Río Areta at bridge of NA-210 S Imitizaldu (NAV), 01.08.93, M. Schaub & M. Kéry
 Stream near Inza (NAV), 14.07.88, J. de Volder
 Río Urrobi at bridge to Urirotz (NAV), 02.08.93, M. Schaub & M. Kéry
 Brook 1 km E Vera de Bidasoa, 20 km E San Sebastian (NAV), 26.07.94, M. Wasscher
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn

• *Sympecma fusca* (Vander Linden)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn
 S'Albufera, Mallorca (BAL), 28.10.90, R. Busse
 S'Albufera, Mallorca (BAL), 19.03.93, K. Jödicke
 Embalse de Talaván N Monroy (CÁC), 29.04.88, R. Busse
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Río Fardes E Ventas del Molinillo, S E-26/N-342 (GRA), 18.08.79, P. Jahn
 Sierra de Aracena, brook S Jabugo at N-435 (HUEL), 05.08.79, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 27.04.88, P. Jahn
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 Río Ara near Ainsa (HUES), 14.07.89, A. Anselin
 1 km S Casetas de Lomas, southern border of Parque Nacional de Ordesa (HUES), 21.07.92, G
 de Knijf
 Berroy near Fiscal (HUES), 04.10.92, A. Anselin
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Tributary of Río Isabena S La Puebla de Roda (HUES), 17.07.93, M. Schaub & M. Kéry
 Barranco del Estañuelo near Ainsa (HUES), 25.10.94, A. Anselin
 Cemetery of Riglos 10 km N Ayerbe (HUES), 18.07.95, T. Stalling & S. Schaulin
 Río Hornos near Cortijos Nuevos (JAÉ), 03.05.87, A. Anselin
 Stream S Encinetas, Sierra Palmitera, at C-339, SSE Ronda (MÁL), 11./12.07.75, P. Jahn
 Laguna Chica E Archidona (MÁL), 13./14.04.88, P. Jahn
 Parque Ardales, Embalse de Chorro (MÁL), 11.09.89, G. Jurzitza
 Laguna de la Fuente de Piedra 25 km WNW Antequera (MÁL), 11.04.94, H. Ehmann
 Macchie SW Hoz de Arbayún (NAV), 24.07.93, M. Schaub & M. Kéry
 Río Algas SW Nonaspe (ZAR), 09.07.92, D. Chelmick
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

• *Lestes barbarus* (Fabricius)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn
 Santibañez el Bajo (CÁC), 08.05.88, A. Anselin
 Pond 1 km S railway station of Cáceres (CÁC), 09.10.95, H. Ehmann

Swamp at forest brook near Sigüenza (GUA), 22.07.87, G. Jurzitza
 Coto de Doñana near El Rocío and E Laguna de Sta. Olalla (HUEL), 04./08.07.75, P. Jahn
 Stream near Almonte (HUEL), 06.08.79, P. Jahn
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Small stream crossed by C-607 near La Ponderosa (MAD), 05.09.92, D. Chelmick
 Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, P. Jahn

- *Lestes dryas* Kirby

Upper course of Río Gadares Campobuche at C-3331, NE Villaluenga de Rosario (CÁD), 22.04.88, P. Jahn [larvae]
 Swamp at forest brook near Sigüenza (GUA), 22.07.87, G. Jurzitza
 Pond near Villacarli (HUES), 17.07.93, M. Schaub & M. Kéry
 Dammed brook near Astun (HUES), 22.07.93, M. Schaub & M. Kéry
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Watering-place for cattle at the road between Miraflores and Rascafria (MAD), 21.07.88, J. de Volder
 Watering-place for cattle near Ulzurrún (NAV), 16.07.88, J. de Volder
 Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

- *Lestes macrostigma* (Eversmann)

Laguna de la Fuente de Piedra 25 km WNW Antequera (MÁL), 06./11.04.94, H. Ehmann
 Coto de Doñana, ponds E Laguna de Sta. Olalla (HUEL), 08.07.75, P. Jahn

- *Lestes sponsa* (Hansemann)

Lago de la Ercina, Parque Nacional de Covadonga (AST), 24.07.89, A. Anselin
 Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin
 Santa Engracia (HUES), 13.07.82, A. Anselin
 Río Esca near Isaba (NAV), 12.07.84, A. Anselin
 Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin
 Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

- *Lestes virens* (Charpentier)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn
 Quarry near Los Barrios (CÁD), 09.07.90, E. Prendergast
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Swamp at forest brook near Sigüenza (GUA), 22.07.87, G. Jurzitza
 Coto de Doñana near El Rocío (HUEL), 04./07.07.75, P. Jahn
 Stream near Almonte (HUEL), 06.08.79, P. Jahn
 Coto de Doñana 3 km E El Rocío (HUEL), 08.84, R. Prasse
 Coto de Doñana, surroundings of Arroyo de Cañada ESE El Rocío (HUEL), 24.04.88, P. Jahn
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn [larvae]
 Río Flumen at C-230 S Sariñena (HUES), 29.06.92, D. Grand
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Small stream crossed by C-607 near La Ponderosa (MAD), 05.09.92, D. Chelmick
 Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin

- *Lestes viridis* (Vander Linden)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn

Parque natural del Montseny, pond on pass Collformic (BAR), 26.08.87, P. Jahn
 El Ter at Manlleu (BAR), 29.08.92, D. Chelmick
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 03./04.08.79, 24.07.81, P. Jahn
 Tributary of Río Trejo W Puerto Cabañas, E Algodonales (CÁD), 17.04.88, P. Jahn [larvae]
 Upper course of Río Gadiuarez Campobuche at C-3331, NE Villaluenga de Rosario (CÁD),
 22.04.88, P. Jahn [larvae]
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn [larvae]
 Swamp between Benicarló and Peñíscola (CAS), 02.09.93, D. Grand
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick [exuviae]
 Railway station Llançà (GIR), 21.09.93, G. Lehmann & A. Wendler
 Sierra de Aracena, brook S Jabugo at N-435 (HUEL), 05.08.79, P. Jahn
 Sierra de Aracena, brook E Sta. Ana la Real at H-521 (HUEL), 12.09.83, P. Jahn
 Dique de Campofrio N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
 [larvae]
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Small stream W Pallaruelo (HUES), 27.07.93, M. Schaub & M. Kéry
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 Río Segre N Basella (LLE), 22.08.87, P. Jahn
 Río Manzanares near El Pardo (MAD), 20.09.85, 21./23.07.87, G. Jurzitza
 Small stream crossed by C-607 near La Ponderosa (MAD), 05.09.92, D. Chelmick
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn

• *Platycnemis acutipennis* Selys

Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Río Tajuma W Santa Marta de Magasca (CÁC), 26./28.04.88, R. Busse
 Río Guadalete W Algodonales on both sides of N-342 (CÁD), 16.-18.04.88, P. Jahn
 Tributary of Río Trejo W Puerto Cabañas, E Algodonales (CÁD), 17.04.88, P. Jahn
 Río Tavizna NW Ubrique, up- and downstream CA-524 (CÁD), 20./21.04.88, P. Jahn
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 Riu Daró SE Girona (GIR), 10.07.94, D. Grand
 El Ser N Banyoles (GIR), 16.07.94, D. Grand
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 Stream 1 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Río Urmea 3 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
 Río Manzanares near El Pardo (MAD), 20.05.86, 06./08./09./10.06.87, G. Jurzitza
 Río Manzanares near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Jarama near Patones (MAD), 25.07.91, G. Jurzitza
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Río Salazar near Lumbier (NAV), 24.07.+01.08.93, M. Schaub & M. Kéry
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24.09.83, P. Jahn [larvae]
 Río Cedena between Los Navalmorales and Navahermosa (TOL), 30.04.88, R. Busse

• *Platycnemis latipes* Rambur

- Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), (25.07.81 larvae), 05.09.83, P. Jahn
 El Ter at Manlleu (BAR), 29.08.92, D. Chelmick
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 03./04.08.79, 04.09.83, P. Jahn
 Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Río Tiétar 15 km SE Malpartida de Plasencia, near C-511 (CÁC), 14.07.95, T. Stalling & S. Schaulin
 Río Barbate near Benalup de Sidona (CÁD), 10.07.75, P. Jahn
 Río Guadalete W Algodonales on both sides of N-342 (CÁD), 16.-18.04.88, P. Jahn [larvae]
 Tributary of Río Trejo W Puerto Cabañas, E Algodonales (CÁD), 17.04.88, P. Jahn [larvae]
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn [larvae]
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn [larvae]
 El Molino near La Zorilla 15 km NW Los Barrios (CÁD), 07.07.90, E. Prendergast
 Swamp between Benicarló and Peñíscola (CAS), 26.05.90, D. Grand
 Almenara (CAS), 24.08.93, C. Bonet
 Río Cenia 1 km E Embalse de Ulldecona (CAS), 10.06.95, B. Mahlendorf
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
 Río Fluvia near Orfes (GIR), 13.07.93, M. Schaub & M. Kéry
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 Riu Daró SE Girona (GIR), 10.07.94, D. Grand
 El Ser N Banyoles (GIR), 16.07.94, D. Grand
 El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
 El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
 La Muga SE Castelló d'Emúries (GIR), 20.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 Stream 1 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Río Urmea 3 km S Hernani, S San Sebastian (GUI), 23.07.94, M. Wasscher
 Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, 26.07.81, P. Jahn
 Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin
 Río Asabon between Huesca and Puente la Reina (HUES), 26.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Río Vero near Alquezar (HUES), 13.07.89, A. Anselin
 Río Ara near Ainsa (HUES), 14.07.89, A. Anselin
 Ditch near Río Aragón 1 km N Jaca (HUES), 14.07.91, G. de Knijf
 Tributary of Río Aragón S Ascara, 8 km W Jaca (HUES), 15.07.91, G. de Knijf
 Monasterio de San Juan de la Peña, 12 km SW Jaca (HUES), 16.07.91, G. de Knijf
 Two confluent brooks at C-1310 4 km NE Ontifena (HUES), 03.07.93, 15.07.94, D. Grand
 Stream near gravel pit E Sariñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Río Gállego near San Mateo (HUES), 29.07.93, M. Schaub & M. Kéry
 Tributary brook of Río Isabena S La Puebla de Roda (HUES), 17.07.93, M. Schaub & M. Kéry
 Río Segre N Basella (LLE), 22.08.87, P. Jahn
 Ribera Salada between Basella and Ogern (LLE), 22./23.08.87, P. Jahn
 Río Cardener between Clariana and Cardona (LLE/BAR), 24.08.87, P. Jahn
 Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Río de Conques an L912 W Figuerola (LLE), 15.07.93, M. Schaub & M. Kéry
 El Segre at C-1313 near Térmens (LLE), 12.07.94, D. Grand
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza

Hoyo del Manzanares (MAD), 06.06.87, 28.07.91
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Río Manzanares near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Jarama near Patones (MAD), 25.07.91, G. Jurzitza
 Río Perales 7 km SW Chapinería (MAD), 27.07.91, G. Jurzitza
 Río Turón near Ardales (MÁL), 20.07.87, R. Busse
 Stream SW El Burgo (MÁL), 24./27.07.87, R. Busse
 Río Guadalteba NW Serrato near N-341 (MÁL), 24.07.87, R. Busse
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, R. Busse
 Río Turón near Ardales (MÁL), 10.-16.09.89, G. Jurzitza
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Río Esca near Burgui (NAV), 12.07.82, A. Anselin
 Río Larraun near Latasa (NAV), 14.07.88, J. de Volder
 Macchie SW Hoz de Arbayún (NAV), 24.07.93, M. Schaub & M. Kéry
 Río Salazar near Lumbier (NAV), 24.07.+01.08.93, M. Schaub & M. Kéry
 Río Areta N Imirizaldu (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Areta near bridge NA210 S Imirizaldu (NAV), 25.07.+01.08.93, M. Schaub & M. Kéry
 Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Irati E Liédena (NAV), 01.08.93, M. Schaub & M. Kéry
 Tributary of Río Salazar near Lumbier (NAV), 01.08.93, M. Schaub & M. Kéry
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 Río Avión near Santiuste (SOR), 30.07.93, M. Schaub & M. Kéry
 Río Duero between Soto de San Esteban and Langa de Duero (SOR), 30.07.93, M. Schaub & M. Kéry
 Río Algas near Caseres at bridge of N-420 (TAR), 30.06.91, D. Grand
 Delta of Ebro near Deltebre la Cava (TAR), 19.06.92, D. Chelmick
 Canal de l'Esquerri N Tortosa (TAR), 09.07.92, D. Chelmick
 Río de la Canaleta at bridge of N-230 (TAR), 09.07.92, D. Chelmick
 La Estanca 5 km W Alcañiz (TER), 30.06.91, D. Grand
 Río Ulldemo near Beceite (TER), 28.07.94, B. Mahlendorf
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn
 Río Algas SW Nonaspe (ZAR), 09.07.92, D. Chelmick
 Río Guadalope near Caspe (ZAR), 03.07.93, D. Grand

• *Pyrphosoma nymphula* (Sulzer)

Parque natural del Montseny, pond on pass Collformic (BAR), 26.08.87, P. Jahn
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Río Magasa W Trujillo (CÁC), 27.04.88, R. Busse
 Río Cenia between Pantà d'Uldecona and La Sènia (CAS), 27.05.90, D. Grand
 Río Cenia 1 km E Embalse de Uldecona (CAS), 29.05.-10.06.95, B. Mahlendorf
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Especiezo (tributary of Arroyo Turillas), NW Cortijo Prados de Lopera, alt. 1200 m (GRA)
 04.-06.08.81, (12.04.88 larvae), P. Jahn
 Stream at Puerto de Oroel S Jaca (HUES), 25.07.88, J. de Volder
 Plan del Hospital (Benasque) (HUES), 15.07.89, A. Anselin
 Río Gállego at El Formigal (HUES), 12.07.91, G. de Knijf
 Tributary of río Isabena S La Puebla de Roda (HUES), 17.07.93, M. Schaub & M. Kéry
 Pond near Villacarli (HUES), 17.07.93, M. Schaub & M. Kéry
 Pond at Río Cinca near Laspuña (HUES), 18.07.93, M. Schaub & M. Kéry
 Dammed brook near Astun (HUES), 22.07.93, M. Schaub & M. Kéry
 Torre de Vinagre, Parque Natural Cazorla-Segura (JAÉ), 01.05.87, A. Anselin
 Río Hornos near Cortijos Nuevos (JAÉ), 03.05.87, A. Anselin

Río Segre E Martinet between La Seu d'Urgell and Puigcerdà (LLE), 22.07.81, P. Jahn
 Stream E Noves de Segre, SE La Seu d'Urgell (LLE), 13.08.81, P. Jahn
 Stream near Olius E Solsona (LLE), 24.08.87, P. Jahn
 Stream at L-401 between Berga and Sant Llorenç (LLE), 14.07.93, M. Schaub & M. Kéry
 Pond on Puerto de la Bonaigua (alt. 2072 m) (LLE), 16.07.93, M. Schaub & M. Kéry
 Hoyo del Manzanares (MAD), 06.06.87, 28.07.91, G. Jurzitza
 Forest pond near Miraflores de la Sierra (MAD), 19.07.88, J. de Volder
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Ditch near Torrelaguna (MAD), 25.07.91, G. Jurzitza
 Stream S Encinetas, Sierra Palmitera, at C-339, SSE Ronda (MÁL), 11./12.07.75, P. Jahn
 Río Esca near Burgui (NAV), 12.07.82, A. Anselin
 Tributary brook of Río Algas, 1 km N road between Valderrobres and Horta (TER), 29.05.93, R. Jödicke
 Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

• *Ischnura elegans* (Vander Linden)

S'Albufera, Mallorca (BAL), 28.10.90, R. Busse
 S'Albufera, Mallorca (BAL), 19.03.93, K. Jödicke
 S'Albufera, Mallorca (BAL), 13.04.93, W. Jakobs
 Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen
 Torrente de Muro, Mallorca (BAL), 20./22.07.95, H. von Hagen
 Irrigation tanks near Sa Pobla/Muro, Mallorca (BAL), 07.95, H. von Hagen [exuviae]
 Llobregat 1 km E Guardiola (BAR), 14.07.93, M. Schaub & M. Kéry
 Río Tajo near Montfragüe (CÁC), 14.09.82, J. Sachtleben
 Almenara (CAS), 24.08.93, C. Bonet
 Stream at San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Río Eume 10 km E Puente deume (COR), 14.-18.08.84, J. Hoffmann
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Río Lambre 2 km SE Miño (COR), 05.09.-10.09.84, J. Hoffmann
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
 Aigemolls, Empúria E Figueras (GIR), 10.08.88, M. Wasscher
 Lake of Banyoles (GIR), 12.05.89, A. Cordero [larvae]
 Parc Natural Aiguamolls de l'Empordà (GIR), 07.93, D. Chelmick
 Riu Daró SE Girona (GIR), 10.07.94, D. Grand
 El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
 La Muga SE Castelló d'Emúries (GIR), 20.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Pond near Villacarli (HUES), 17.07.93, M. Schaub & M. Kéry
 Pond at Río Cinca near Laspuña (HUES), 18.07.93, M. Schaub & M. Kéry
 Western bank of Embalse de Sotonera (HUES), 27.07.93, M. Schaub & M. Kéry
 Stream W Pallaruelo (HUES), 27.07.93, M. Schaub & M. Kéry
 Watering place for animals S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Río Gállego near San Mateo (HUES), 29.07.93, M. Schaub & M. Kéry
 Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Río de Conques an L912 W Figuerola (LLE), 15.07.93, M. Schaub & M. Kéry
 Río Manzanares near El Pardo (MAD), 20.09.85, 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Río Perales 7 km SW Chapinería (MAD), 27.07.91, G. Jurzitza
 Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Aragón be Cásede (NAV), 26.07.93, M. Schaub & M. Kéry

Delta of Ebro near Deltebre la Cava (TAR), 19.06.92, D. Chelmick
 Ebro at new bridge of Tortosa (TAR), 19.06.92, D. Chelmick
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

• *Ischnura graellsii* (Rambur)

Mouth of río Antas N Garrucha (ALM), 08.08.74, R. Jödicke
 Rambla de Morales N El Cabo de Gata (ALM), 07.-10.08.81, P. Jahn
 Pits E Almerima (ALM), 11.04.88, P. Jahn
 Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, 04.08.79, P. Jahn
 Río Búrdalo N E-4 (border to prov. of Cáceres) and nearby pit waters (BAD), 25.07.81, 05.09.83, P. Jahn
 Embalse near Morante NW Mérida (BAD), 26.04.88, R. Busse
 Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 03./04.08.79, 24.07.81, 04.09.83, P. Jahn
 Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Río Magasca W Trujillo (CÁC), 27.04.88, R. Busse
 Río Tajuma W Santa Marta de Magasca (CÁC), 28.04.88, R. Busse
 Embalse de Talaván N Monroy (CÁC), 29.04.88, R. Busse
 Pond near Coria (CÁC), 29.04.88, R. Busse
 Santibañez el Bajo (CÁC), 08.05.88, A. Anselin
 Pond S Estacion de Monfragüe, S Malpartida de Plasencia (CÁC), 13.07.95, T. Stalling & S. Schaulin
 Río Tiétar 15 km SE Malpartida de Plasencia, near C-511 (CÁC), 14.07.95, T. Stalling & S. Schaulin
 Embalse Arrocampo-Almaraz 2 km S Saucedilla (CÁC), 15.07.95, T. Stalling & S. Schaulin
 Río Barbate near Benalup de Sidona (CÁD), 10.07.75, P. Jahn
 Río Guadalete W Algodonales on both sides of N-342 (CÁD), 16.-18.04.88, P. Jahn
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn
 Río Tavizna NW Ubrique, up- and downstream CA-524 (CÁD), 20./21.04.88, P. Jahn
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Quarry near Los Barrios (CÁD), 06./09.07.90, E. Prendergast
 Pond near La Zorilla 15 km NW Los Barrios (CÁD), 07.07.90, E. Prendergast
 Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand
 Swamp between Benicarló and Peñíscola (CAS), 26.05.90, 02.09.93, D. Grand
 Río Cenia between Pantà d'Ulldecona and La Sènia (CAS), 27.05.90, 02.09.93, D. Grand
 Río Cenia near Los Almedros (CAS), 02.09.93, D. Grand
 Río Cenia 1 km E Embalse de Ulldecona (CAS), 19.07.94, 29.05.95, B. Mahlendorf
 Arroyo de los Fresnos near Fuente del Fresne (CIU), 07.05.87, A. Anselin
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kählert & A. Wendler
 Laguna de Zóñar SW Aguilar (CÓRD), 15.04.88, P. Jahn
 Guadalquivir at Córdoba (CÓRD), 22.04.88, R. Busse
 Stream below Castillo de Balalcázar (CÓRD), 24.04.88, R. Busse
 Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
 Río Fardes E Ventas del Molinillo, S E-26/N-342 (GRA), 17.07.75, P. Jahn
 Stream near Almonte (HUEL), 06.08.79, P. Jahn
 Stream (Río Murtiga ?) N La Nava at N-435 (HUEL), 25./26.07.81, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 06.-08.09.83, 25.-27.04.88, P. Jahn
 Dique de Campofrio N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Río Odiel N N-435 (HUEL), 09./10.09.83, P. Jahn
 Coto de Doñana (HUEL), 08.84, R. Prasse
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
 Embalse de Corumbel Bajo (HUEL), 10.07.90, J.-P. Boudot

Santa Engracia (HUES), 13.07.82, A. Anselin
 La Laguna W Sariñena (HUES), 17.07.84, 07.85, A. Anselin
 Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder
 Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Pond at río Cinca near Laspuña (HUES), 18.07.93, M. Schaub & M. Kéry
 Torre de Vinagre, Parque Natural Cazorla-Segura (JAÉ), 01.05.87, A. Anselin
 Guadalquivir near Fuente de la Pascuala, El Tranco (JAÉ), 03.05.87, A. Anselin
 Río Hornos near Cortijos Nuevos (JAÉ), 03.05.87, A. Anselin
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 El Segre at C-1313 near Térmens (LLE), 12.07.94, D. Grand
 La Noguera Ribagorçana near Alfarràs (LLE), 12.07.94, D. Grand
 Río Manzanares near El Pardo (MAD), 20.09.85, 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Mar Ontigola S Aranjuez (MAD), 22.09.85, 10.06.87, G. Jurzitza
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Río Guadarrama N Las Rozas de Madrid (MAD), 05.09.92, D. Chelmick
 Small stream crossed by C-607 near La Ponderosa (MAD), 05.09.92, D. Chelmick
 Río Turón near Ardales (MÁL), 20.07.87, R. Busse
 Río Guadalteba NW Serrato near N-341 (MÁL), 24.07.87, R. Busse
 Effluent brook from Embalse near Ardales (MAL), 26.07.87, 18.04.88, R. Busse
 Laguna Grande E Archidona (MÁL), 13. 04.88, P. Jahn
 Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn
 Marismas Guadalhorce W Málaga (MÁL), 19.07.89, J. Kahlert & A. Wendler
 Río Turón near Ardales (MÁL), 10.-16.09.89, G. Jurzitza
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Laguna de la Fuente de Piedra 25 km WNW Antequera (MÁL), 11.04.94, H. Ehmann
 Río Esca near Isaba (NAV), 12.07.84, A. Anselin
 Embalse de Alloz (NAV), 16.07.88, J. de Volder
 Watering-place for cattle near Ulzurrun (NAV), 16.07.88, J. de Volder
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, 02.08.81, P. Jahn
 Río Guadalquivir near the Santa Maria, Sevilla (SEV), 26.08.92, D. Chelmick
 Río Algas near Caseres at bridge of N-420 (TAR), 30.06.91, D. Grand
 Río Ulldemo near Beceite (TER), 28.07.94, B. Mählendorf
 Laguna de Zaida (ZAR), 22.07.90, J.-P. Boudot
 Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, D. Chelmick
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

• *Ischnura pumilio* (Charpentier)

Pits E Almerima (ALM), 11.04.88, P. Jahn [exuviae]
 Embalse near Morante NW Mérida (BAD), 26.04.88, R. Busse
 Guadalquivir at Córdoba (CÓRD), 22.04.88, R. Busse
 El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
 Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Río Manzanares near El Pardo (MAD), 21./23.07.87, G. Jurzitza
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 La Estanca 5 km W Alcañiz (TER), 30.06.91, D. Grand
 Pond in a quarry near Murillo de Gállego S Embalse de la Peña (ZAR), 26.07.88, J. de Volder
 Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, 17.08.93, D. Chelmick

- *Enallagma cyathigerum* (Charpentier)

Pits E Almerina (ALM), 11.04.88, P. Jahn

Lago de la Ercina, Parque Nacional de Covadonga (AST), 24.07.89, A. Anselin

Embalse near Morante NW Mérida (BAD), 26.04.88, R. Busse

Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand

Watering place for sheep at Fredes 5 km NW Embalse de Uldecona (CAS), 12.06.95, B. Mahlendorf

Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler

Laguna de Zóñar SW Aguilar (CÓRD), 15.04.88, P. Jahn

Laguna de las Madres NW Mazagón (HUEL), 27.04.88, P. Jahn

La Laguna W Sariñena (HUES), 17.07.84, 07.85, A. Anselin

Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand

Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand

Watering-place for cattle S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry

Reservoir at C-148 near Belcaire d'Urgell (LLE), 12.07.94, D. Grand

Estany de la Llebrella (alt. 1670 m), Parc nacional d'Aigües Tortes (LLE), 20.07.94, G. de Knijf

Estany Major Colomers (alt. 2130 m), Parc nacional d'Aigües Tortes (LLE), 23.07.94, G. de Knijf

Aigüestortes (alt. 1870 m), Parc nacional d'Aigües Tortes (LLE), 24.07.94, G. de Knijf

Embalse de El Vellón (MAD), 18.07.88, J. de Volder

Embalse de Allos (NAV), 16.07.88, J. de Volder

Watering-place for cattle near Ulzurrun (NAV), 16.07.88, J. de Volder

Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin

Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

Otero de Bodas (ZAM), 30.07.93, M. Schaub & M. Kéry

Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

- *Erythromma najas* (Hansemann)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn [sight record only]

Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn [sight record only]

Observer's remark: „I want to focus attention on the possibility that this sp. might occur in Spain. Because I failed to collect some material for a reliable identification, we need confirmation by further investigation of the localities cited. *E. najas* would be a new element of the Iberian fauna.“ [P. Jahn]

- *Erythromma viridulum* (Charpentier)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, P. Jahn

Irrigation tanks near Sa Pobla/Muro, Mallorca (BAL), 20.07.-14.08.95, H. von Hagen

Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand

Almenara (CAS), 24.08.93, C. Bonet

Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn

Parc Natural Aiguamolls de l'Emporda (GIR), 07.93, D. Chelmick

Laguna de las Madres NW Mazagón (HUEL), 07.09.83, P. Jahn

Watering-place for cattle S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry

Mar Ontigola S Aranjuez (MAD), 22.09.85, 10.06.87, G. Jurzitza

Río Manzanares near El Pardo (MAD), 06.-10.06.+21./23.07.87, G. Jurzitza

Embalse de El Vellón (MAD), 18.07.88, J. de Volder

Effluent brook from Embalse near Ardales (MÁL), 26.07.87, R. Busse

- *Cercion lindenii* (Selys)

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 02.07.75, 04.08.79, P. Jahn

- Río Búrdalo N E-4 (border to prov. of Cáceres) and nearby pit waters (BAD), 25.07.81, 05.09.83, P. Jahn
- Embalse near Morante NW Mérida (BAD), 26.04.88, R. Busse
- Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 03./04.08.79, 04.09.83, P. Jahn
- Río Tajo near Montfragüe (CÁC), 14.09.82, J. Sachtleben
- Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
- Río Tajuma W Santa Marta de Magasca (CÁC), 26./28.04.88, R. Busse
- Río Magasca W Trujillo (CÁC), 27.04.88, R. Busse
- Embalse de Talaván N Monroy (CÁC), 29.04.88, R. Busse
- Pond near Coria (CÁC), 29.04.88, R. Busse
- Río Barbate near Benalup de Sidona (CÁD), 10.07.75, P. Jahn
- Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
- Pond near La Zorilla 15 km NW Los Barrios (CÁD), 07.07.90, E. Prendergast
- Río Cenia between Pantà d'Ulldecona and La Sénia (CAS), 27.05.90, 02.09.93, D. Grand
- Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler
- Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
- El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
- El Ser N Banyoles (GIR), 16.07.94, D. Grand
- El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
- El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
- La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
- El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
- La Muga SE Castelló d'Emúries (GIR), 20.07.95, A. Martens
- La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
- Pond on the right hand of the road between Matarrubia and Oueblo de Beleña (GUA), 25.07.91, G. Jurzitza
- Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, 26.07.81, P. Jahn
- Stream (Río Murtiga ?) N La Nava at N-435 (HUEL), 25./26.07.81, P. Jahn
- Laguna de las Madres NW Mazagón (HUEL), 06./07.09.83, P. Jahn
- Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
- Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand
- Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
- Ribera Salada between Basella and Ogern (LLE), 22./23.08.87, P. Jahn
- Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
- Mar Ontigola S Aranjuez (MAD), 22.09.85, 10.06.87, G. Jurzitza
- Río Manzanares near El Pardo (MAD), 06.-10.06.+21./23.07.87, G. Jurzitza
- Embalse de El Vellón (MAD), 18.07.88, J. de Volder
- Laguna Grande E Archidona (MÁL), 13./14.04.88, P. Jahn [exuviae]
- Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn
- Río Salazar near Lumbier (NAV), 24.07.+01.08.93, M. Schaub & M. Kéry
- Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
- Río Irati E Liédena (NAV), 01.08.93, M. Schaub & M. Kéry
- Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
- Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry
- Río Duero between Soto de San Esteban and Langa de Duero (SOR), 30.07.93, M. Schaub & M. Kéry
- Delta of Ebro near Deltebre la Cava (TAR), 19.06.92, D. Chelmick
- Ebro at new bridge of Tortosa (TAR), 19.06.92, D. Chelmick
- Canal de l'Esquerra N Tortosa (TAR), 09.07.92, D. Chelmick
- Río de la Canaleta at bridge of N-230 (TAR), 09.07.92, D. Chelmick
- La Estanca 5 km W Alcañiz (TER), 30.06.91, D. Grand
- Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn [larvae]

Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, D. Chelmick

• *Coenagrion caerulescens* (Fonscolombe)

Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn

Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn

El Llobregat N Cabanes (GIR), 20.07.95, A. Martens

Río Fardes E Ventas del Molinillo (GRA), 17.07.75, P. Jahn

Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
[exuviae]

Ditch near Río Aragón 1 km N Jaca (HUES), 14.07.91, G. de Knijf

Tributary of Río Aragón S Ascara, 8 km W Jaca (HUES), 15.07.91, G. de Knijf

Santa Cruz de la Serós, 10 km SW Jaca (HUES), 16.07.91, G. de Knijf

Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand

Río Aragón Subordán, 7 km N Hecho (HUES), 20.07.95, T. Stalling & S. Schaulin

Ribera Salada between Basella and Ogern (LLE), 22./23.08.87, P. Jahn

El Segre at C-1313 near Térmens (LLE), 12.07.94, D. Grand

La Noguera Ribagorçana near Alfarràs (LLE), 12.07.94, D. Grand

Río Manzanares near El Pardo (MAD), 06.-10.06.+21./23.07.87, G. Jurzitza

Stream near Torrelodones (MAD), 20.07.88, J. de Volder

Río Perales 7 km SW Chapinería (MAD), 27.07.91, G. Jurzitza

Effluent brook from Embalse near Ardales (MÁL), 18.04.88, R. Busse

Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs

Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

• *Coenagrion mercuriale* (Charpentier)

Mouth of Río Antas N Garrucha (ALM), 08.08.74, R. Jödicke

Río Cenia between Pantà d'Uldecona and La Sénia (CAS), 27.05.90, D. Grand

Río Cenia 1 km E Embalse de Uldecona (CAS), 29.05.-03.06.95, B. Mahlendorf

Río Caldes upstream Forcall (CAS), 12.06.95, B. Mahlendorf

Stream at San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann

Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann

Riu Daró SE Girona (GIR), 10.07.94, D. Grand

El Llobregat N Cabanes (GIR), 20.07.95, A. Martens

Río Fardes E Ventas del Molinillo, S E-26/N-342 (GRA), 17.07.75, P. Jahn

El Especiezo (tributary of Arroyo Turillas), NW Cortijo Prados de Lopera, alt. 1200 m (GRA),
04.-06.08.81, (12.04.88 larvae), P. Jahn

Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin

Stream at Puente la Reina de Jaca (HUES), 24.07.88, J. de Volder

Río Aragón 2 km W Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf

Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf

Stream near gravel pit E Sariñena (HUES), 29.07.93, M. Schaub & M. Kéry

Ribera Salada between Basella and Ogern (LLE), 22./23.08.87, P. Jahn

Río Cardener between Clariana and Cardona (LLE/BAR), 24.08.87, P. Jahn

Río de Conques at L912 W Figuerola (LLE), 15.07.93, M. Schaub & M. Kéry

La Noguera Ribagorçana near Alfarràs (LLE), 12.07.94, D. Grand

Mar Ontigola S Aranjuez (MAD), 10.06.87, G. Jurzitza

Stream near Torrelodones (MAD), 20.07.88, J. de Volder

Ditch near Torrelaguna (MAD), 25.07.91, G. Jurzitza

• *Coenagrion puella* (Linnaeus)

Small brook in Sierra de San Pedro at N-523 NE Puerto del Clavin (CÁC), 26.04.88, R. Busse

Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn

Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf

Pond near Río Cinca near Laspuña (HUES), 18.07.93, M. Schaub & M. Kéry
 Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 Río Esla near Palanquinos S León (LEÓ), 19.06.91, P. Jahn
 Río Segre E Martinet between La Seu d'Urgell and Puigcerdà (LLE), 22.07.81, P. Jahn
 Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Río Esca near Isaba (NAV), 12.07.84, A. Anselin
 Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

- *Coenagrion pulchellum* (Vander Linden)

Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf

Observer's remark: „One male of this sp. was recorded in the vegetation at a stagnant site on the Río Aragón. The current at this location was generally moderate and there were a lot of gravel banks. Behind some of these, the water was nearly stagnant, with vegetation developing in the muddy river bed. Because we only observed this single male, it is not clear whether he was a wanderer or the sp. bred at this site.“ [G. de Knijf]

Editor's remark: According to OCHARAN (1988), all Spanish citations of this sp. are due to errors of identification. The first record from 31.07.1086 is published by ANSELIN & HOSTE (1996). Thus G. de Knijf's record might be considered the second from Spain. The occurrence of *C. pulchellum* and its status at this site, and the surroundings, should be tested in future.

- *Coenagrion scitulum* (Rambur)

Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand

Río Caldes upstream Forcall (CAS), 12.06.95, B. Mahlendorf

Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn [exuviae]

Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder

Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand

Fuente de los Frailes, Parque Natural Cazorla-Segura (JAÉ), 01.05.87, A. Anselin

Río Hornos near Cortijos Nuevos (JAÉ), 03.05.87, A. Anselin

Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn [larvae, exuviae]

- *Ceriagrion tenellum* (de Villers)

Pit waters near Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn

Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen

Pond near La Zorilla 15 km NW Los Barrios (CÁD), 07.07.90, E. Prendergast

Swamp between Benicarló and Peñíscola (CAS), 26.05.90, 02.09.93 D. Grand

Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler

Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher

Small stream near El Port de la Selva (GIR), 13.07.93, M. Schaub & M. Kéry

Río Fluvia near Orfes (GIR), 13.07.93, M. Schaub & M. Kéry

El Llobregat SW Peralada (GIR), 19.07.95, A. Martens

El Llobregat N Cabanes (GIR), 20.07.95, A. Martens

La Muga SE Castelló d'Emúries (GIR), 20.07.95, A. Martens

Laguna de las Madres NW Mazagón (HUEL), 07.09.83, 25.-27.04.88, P. Jahn

Coto de Doñana, ditch near Acebron (HUEL), 08.84, R. Prasse

Coto de Doñana, between Matalascañas and El Rocío (HUEL), 03.06.92, W. Jakobs

Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand

Lake of Varucedo (LEÓ), 17.06.90, A. Cordero

Río Manzanares near Torrelodones (MAD), 20.07.88, J. de Volder

Hoyo del Manzanares (MAD), 28.07.91, G. Jurzitza
 Small stream crossed by C-607 near La Ponderosa (MAD), 05.09.92, D. Chelmick
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, R. Busse
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn

- *Gomphus graslinii* Rambur

Río Guadalete W Algodonales north of N-342 (CÁD), 16.04.88, P. Jahn [larvae]

- *Gomphus pulchellus* Selys

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 04.08.79, P. Jahn [larvae]
 Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn [larvae]
 Embalse near Morante NW Mérida (BAD), 26.04.88, R. Busse
 Río Tajuma W Santa Marta de Magasca (CÁC), 28.04.88, R. Busse
 Tributary of Río Trejo W Puerto Cabañas, E Algodonales (CÁD), 17.04.88, P. Jahn [larvae]
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick [exuviae]
 Laguna de las Madres NW Mazagón (HUEL), 26./27.04.88, P. Jahn
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88, P. Jahn
 La Laguna W Sariñena (HUES), 17.07.84, 07.85, A. Anselin
 Ainsa (HUES), 13.07.89, A. Anselin
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 Río Manzanares near El Pardo (MAD), 08.06.87, G. Jurzitza
 Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn [larvae]
 Effluent brook from Embalse near Ardales (MÁL), 18.04.88, R. Busse
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24.09.83, P. Jahn [larvae]
 Small stream below Alfara de Algimia NW Sagunto (VAL), 25.05.90, D. Grand

- *Gomphus simillimus* Selys

Río Guadalete W Algodonales on both sides of N-342 (CÁD), 16.-17.04.88, P. Jahn
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn
 Río Eume 10 km E Puente de Eume (COR), 14.-18.08.84, J. Hoffmann
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn [larvae]
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Río Hornos near Cortijos Nuevos (JAÉ), 03.05.87, A. Anselin
 Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Río Jarama near Patones (MAD), 25.07.91, G. Jurzitza
 Outflow from Embalse de Guadalhorca, „Camino del Rey“ (MÁL), 01.06.92, W. Jakobs
 Río Larraun near Latasa (NAV), 14.07.88, J. de Volder
 Río Salazar near Lumbier (NAV), 24.07.+01.08.93, M. Schaub & M. Kéry

- *Gomphus vulgatissimus* (Linnaeus)

Stream in the Gandaras de Budiño 5 km S Porriño (COR), 15.09.84, G.-M. Heintze, confirmed
 by J. Hoffmann

- *Onychogomphus costae* Selys

Río Guadalete W Algodonales north of N-342 (CÁD), 16.04.88, P. Jahn [larvae]
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand

Río Guadaloque near Caspe (ZAR), 03.07.93, D. Grand

• *Onychogomphus forcipatus unguiculatus* (Vander Linden)

- Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Llobregat 1 km E Guardiola (BAR), 14.07.93, M. Schaub & M. Kéry
 Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn [larvae]
 Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand
 Río Cenja between Pantà d'Uldecona and La Sènia (CAS), 02.09.93, D. Grand
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 Riu Daró SE Girona (GIR), 10.07.94, D. Grand
 El Ser N Banyoles (GIR), 16.07.94, D. Grand
 El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 At road S La Pobla de Segur (LLE), 15.07.93, M. Schaub & M. Kéry
 Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, P. Jahn
 Stream at Puente la Reina de Jaca (HUES), 24.07.88, J. de Volder
 Río Asabon between Huesca and Puente la Reina (HUES), 26.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Ditch near Río Aragón 1 km N Jaca (HUES), 14.07.91, G. de Knijf
 Santa Cruz de la Serós, 10 km SW Jaca (HUES), 16.07.91, G. de Knijf
 Tributary of río Isabena S La Puebla de Roda (HUES), 17.07.93, M. Schaub & M. Kéry
 Río Veral 8 km S Anso (HUES), 23.07.93, M. Schaub & M. Kéry
 Stream N Lleida (LLE), 02.08.74, R. Jödicke
 Ribera Salada between Basella and Ogem (LLE), 22./23.08.87, P. Jahn
 Pantà de Sant Ponç E Solsona (LLE), 24.08.87, P. Jahn
 Hoyo del Manzanares (MAD), 06.06.87, 28.07.91, G. Jurzitza
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Jarama near Patones (MAD), 25.07.91, G. Jurzitza
 Río Perales near Quijorna (MAD), 27.07.91, G. Jurzitza
 Stream SW El Burgo (MÁL), 24./27.07.87, R. Busse
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Río de Algarrobo y Sayalonga NE Velez-Málaga (MÁL), 27.03.95, C. Röhn [larvae]
 Macchie SW Hoz de Arbayún (NAV), 24.07.93, M. Schaub & M. Kéry
 Río Areta near bridge NA210 S Imirizaldu (NAV), 24./25.07.+01.08.93, M. Schaub & M. Kéry
 Río Areta N Imirizaldu (NAV), 26.07.93, M. Schaub & M. Kéry
 Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Salazar near Lumbier (NAV), 01.08.93, M. Schaub & M. Kéry
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24.09.83, P. Jahn [larvae]
 Río Algas near Caseres at bridge of N-420 (TAR), 30.06.91, D. Grand
 Río de la Canaleta at bridge of N-230 (TAR), 09.07.92, D. Chelmick
 Small stream below Alfara de Algimia NW Sagunto (VAL), 25.05.90, D. Grand
 Río Algas SW Nonaspe (ZAR), 09.07.+22.09.92, 17.08.93, D. Chelmick

• *Onychogomphus uncatus* (Charpentier)

- Río Lezuza W Albacete (ALB), 10.03.93, C. Röhn [larvae]
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn [larvae]
 Río Eume 10 km E Puente de Eume (COR), 14.-18.08.84, J. Hoffmann

Río Lambre 2 km SE Miño (COR), 05.09.-10.09.84, J. Hoffmann
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 Stream N Otívar, Sierra del Chaparral (GRA), 17.08.79, 05.08.81 (also larvae), (13.04.88 larvae), P. Jahn
 El Especiezo (tributary of Arroyo Turillas), NW Cortijo Prados de Lopera, alt. 1200 m (GRA), 04.-06.08.81, (12.04.88 larvae), P. Jahn
 Río de la Toba NW Guajar-Alto (GRA), 26.03.95, C. Röhn [larvae]
 Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin
 Stream near Hecho NW Jaca (HUES), 23.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Embalse de Plan de Escún (HUES), 12.07.89, A. Anselin
 Río Veral 8 km S Anso (HUES), 23.07.93, M. Schaub & M. Kéry
 Stream near St. Maria (HUES), 26.07.93, M. Schaub & M. Kéry
 Río Aragón Subordán, 1 km S Hecho (HUES), 21.07.95, T. Stalling & S. Schaulin
 Ribera Salada between Basella and Ogern (LLE), 22./23.08.87, P. Jahn
 Stream an L401 between Berga and Sant Llorenç (LLE), 14.07.93, M. Schaub & M. Kéry
 Stream an L511 4 km unterhalb Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Valle de la Barranca, Sierra de Guadarrama (MAD), 23.07.87, G. Jurzitza
 Parque Regional Cuenca alta del río Manzanares (MAD), 26.07.87, G. Jurzitza
 Río Canencia near Canencia, Sierra de Guadarrama (MAD), 25.07.81, G. Jurzitza
 Stream S Encinetas, Sierra Palmitera, at C-339, SSE Ronda (MÁL), 11./12.07.75, P. Jahn
 Río Esca near Burgui (NAV), 12.07.82, A. Anselin
 Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Areta near bridge NA210 S Imirizaldu (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Areta N Imirizaldu (NAV), 26.07.93, M. Schaub & M. Kéry
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn

- *Paragomphus genei* (Selys)

Río Tiétar 15 km SE Malpartida de Plasencia, near C-511 (CÁC), 14.07.95, T. Stalling & S Schaulin
 Pit water near Los Cabezudos SW Almonte (HUEL), 26.03.93, 02.04.95, C. Röhn [larvae]

- *Boyeria irene* (Fonscolombe)

Río Andarax NO Fondón (ALM), 24.03.95, C. Röhn [larvae]
 Parque natural del Montseny, Río Tordera N Montseny (BAR), 25.08.87, P. Jahn
 Arroyo de Barbaú, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn [larvae]
 Río de El Bosque W Benamahoma (CÁD), 30.03.95, C. Röhn [larvae]
 Río Cenia between Pantà d'Ulldecona and La Sènia (CAS), 02.09.93, D. Grand
 Río Cenia 1 km E Embalse de Ulldecona (CAS), 19.07.94, B. Mahlendorf
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Río Eume 10 km E Puente deume (COR), 14.-18.08.84, J. Hoffmann
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 Stream N Otívar, Sierra del Chaparral (GRA), 17.08.79, 05.08.81, (13.04.88 larvae), P. Jahn
 Río de la Toba NW Guajar-Alto (GRA), 26.03.95, C. Röhn [larvae]
 Stream (Río Murtiga?) N La Nava at N-435 (HUEL), 25./26.07.81, P. Jahn
 Stream near Molares at N-435, Sierra de Aracena (HUEL), 01.08.81, (11.09.83 larvae), P. Jahn
 Sierra de Aracena, brook E Sta. Ana la Real at H-521 (HUEL), 12.09.83, P. Jahn [larvae]
 Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin
 Stream at Puente la Reina de Jaca (HUES), 24.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Río Ara near Ainsa (HUES), 14.07.89, A. Anselin

Río Gállego at El Portalet (HUES), 24.07.92, G. de Knijf [dead specimen]
 Río Aragón Subordán, 1 km S Hecho (HUES), 21.07.95, T. Stalling & S. Schaulin
 Ribera Salada between Basella and Ogem (LLE), 22./23.08.87, P. Jahn
 Stream at L511 4 km unterhalb Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Parque Regional Cuenca alta del río Manzanares (MAD), 26.07.87, G. Jurzitza
 Stream S Encinetas, Sierra Palmitera, at C-339, SSE Ronda (MÁL), 11./12.07.75, P. Jahn
 Río de Algarrobo y Sayalonga NE Velez-Málaga (MÁL), 27.03.95, C. Röhn [larvae]
 Río Larraun near Latasa (NAV), 14.07.88, J. de Volder
 Río Areta near bridge NA210 S Imirizaldu (NAV), 24./25.07.+01.08.93, M. Schaub & M. Kéry
 Río Areta N Imirizaldu (NAV), 24.-26.07.+01.08.93, M. Schaub & M. Kéry
 Río Salazar near Uscarrés (NAV), 25.07.93, M. Schaub & M. Kéry
 Río Urrobi near bridge nach Urirotz (NAV), 02.08.93, M. Schaub & M. Kéry
 Stream 1 km N Sumbilla, N Santesteban (NAV), 25.07.94, M. Wasscher
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24.09.83, P. Jahn [larvae]

• *Aeshna affinis* Vander Linden

Parque Nacional de las Tablas de Daimiel (CIU), 20.07.85, A. Anselin
 Stream at San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann

• *Aeshna cyanea* (Müller)

Parque natural del Montseny, brook E pass Collformic (BAR), 26.08.87, P. Jahn [larvae]
 Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmsick
 Two brooklets 1 km NE Plasencia (CÁC), 04.10.95, H. Elmann
 Swamp between Benicarló and Peñíscola (CAS), 02.09.93, D. Grand
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Río Eume 10 km E Puente deume (COR), 14.-18.08.84, J. Hoffmann
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmsick
 Pond 2 km N Port de la Selva (GIR), 22.09.93, G. Lehmann & A. Wendler
 Stream NE Lopera, N E-26/N-342 (GRA), 21.08.79, P. Jahn
 El Especiezo (tributary of Arroyo Turillas), NW Cortijo Prados de Lopera, alt. 1200 m (GRA), 11.-12.04.88, P. Jahn [larvae]
 Sierra de Aracena, brook S Jabugo at N-435 (HUEL), 05.08.79, P. Jahn
 Stream near Molares at N-435, Sierra de Aracena (HUEL), (03.07.75, 01.08.81 larvae), 11.09.83, P. Jahn
 Sierra de Aracena, brook E Sta. Ana la Real at H-521 (HUEL), 12.09.83, P. Jahn [larvae]
 Río Velloso near Escalona (HUES), 13.07.84, A. Anselin
 Río Segre E Martinet between La Seu d'Urgell and Puigcerdà (LLE), 22.07.81, P. Jahn
 Ribera Salada between Basella and Ogem (LLE), 22./23.08.87, P. Jahn
 Pantà de Sant Ponç E Solsona (LLE), 24.08.87, P. Jahn
 Estany de la Llebre (alt. 1670 m), Parc nacional d'Aigües Tortes (LLE), 20.07.94, G. de Knijf
 Río Esca near Burgui (NAV), 12.07.82, A. Anselin
 Stream along the road to San Miguel de Aralar (NAV), 13.07.88, J. de Volder
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn

• *Aeshna isosceles* (Müller)

Parc natural S'Albufera, Mallorca (BAL), 18.07.95, H. von Hagen
 Swamp between Benicarló and Peñíscola (CAS), 26.05.90, D. Grand
 Laguna de Zóñar SW Aguilar (CÓRD), 15.04.88, P. Jahn

- *Aeshna juncea* (Linnaeus)

Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Meranges W Puigcerdà (GIR), 22.08.87, P. Jahn
 Pond auf Puerto de la Bonaigua (alt. 2072 m) (LLE), 16.07.93, M. Schaub & M. Kéry
 Estany de la Llebretta (alt. 1670 m), Parc nacional d'Aigües Tortes (LLE), 20.07.94, G. de Knijf
 Aigüestortes (alt. 1870 m), just N of the Parc nacional d'Aigües Tortes (LLE), 24.07.94, G. de Knijf

- *Aeshna mixta* Latreille

S'Albufera, Mallorca (BAL), 24.10.-02.11.90, R. Busse
 Parc natural S'Albufera, Mallorca (BAL), 31.07.+02.08.95, H. von Hagen [exuviae]
 Río Salor (CÁC), 30.09.92, A. Cordero
 Almenara (CAS), 24.08.93, C. Bonet
 Tablas de Daimiel (CIU), 17./18.09.82, J. Sachteleben
 Sierra de Aracena, brook near Molares at N-435 (HUEL), 11.09.83, P. Jahn
 Sierra de Aracena, brook E Sta. Ana la Real at H-521 (HUEL), 12.09.83, P. Jahn
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn [larvae]
 Jánovas (Sanfelices) (HUES), 24.10.94, A. Anselin
 Barranco del Estañuelo near Ainsa (HUES), 25.10.94, A. Anselin
 Río Manzanares near El Pardo (MAD), 20.09.85, G. Jurzitza
 Mar Ontigola S Aranjuez (MAD), 22.09.85, G. Jurzitza
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn

- *Anax ephippiger* (Burmeister)

S'Albufera, Mallorca (BAL), 28.10.90, R. Busse
 Tablas de Daimiel (CIU), 18.09.82, J. Sachteleben
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Laguna de las Madres NW Mazagón (HUEL), 26./27.04.88, P. Jahn

- *Anax imperator* Leach

Mouth of río Antas N Garrucha (ALM), 08.08.74, R. Jödicke
 Salinas de Cabo (Sal. de Acosta) (ALM), 24.08.79, P. Jahn
 Rambla de Morales N El Cabo de Gata (ALM), 07.-10.08.81, P. Jahn
 Pits E Almerima (ALM), 11.04.88, P. Jahn
 Cabo de Gata, Salinen (ALM), 28.09.82, J. Sachteleben
 Salinas de Acosta near Salinas (ALM), 05.05.87, A. Anselin
 Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 04.08.79, P. Jahn
 Pit waters near Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, 05.09.83, P. Jahn
 S'Albufera, Mallorca (BAL), 24.10.-02.11.90, R. Busse
 Irrigation tanks near Sa Pobla/Muro, Mallorca (BAL), 16.07.-14.08.95, H. von Hagen
 Cala Figuera, Mallorca (BAL), 16.07.-14.08.95, H. von Hagen
 Irrigation tanks near Campos, Mallorca (BAL), 17.-25.07.95, H. von Hagen
 Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen
 Torrente de Muro, Mallorca (BAL), 20./22.07. 95, H. von Hagen
 Botanicactus in Ses Salines, Mallorca (BAL), 25.07.+04.08.95, H. von Hagen
 Llobregat near Gironella (BAR), 14.07.93, M. Schaub & M. Kéry
 Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Río Tajuma W Santa Marta de Magasca (CÁC), 28.04.88, R. Busse
 Santibañez el Bajo (CÁC), 08.05.88, A. Anselin
 Pond 1km S railway station of Cáceres (CÁC), 09.10.95, H. Ehmann
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Quarry near Los Barrios (CÁD), 06./09.07.90, E. Prendergast

- Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand
 Swamp between Benicarló and Peñíscola (CAS), 26.05.90, 02.09.93 D. Grand
 Río Cenia between Pantà d'Uldecona and La Sènia (CAS), 27.05.90, 02.09.93, D. Grand
 Río Cenia near Los Almedros (CAS), 02.09.93, D. Grand
 Río Cenia 1 km E Embalse de Uldecona (CAS), 25./30.07.94, 29.05.-23.06.95, B. Mahlendorf
 Río Caldes upstream Forcall (CAS), 12.06.95, B. Mahlendorf
 Watering place for sheep at Fredes 5 km NW Embalse de Uldecona (CAS), 12.06.95, B. Mahlendorf
 Tablas de Daimiel (CIU), 18.09.82, J. Sachtleben
 Tanks at Palace in Córdoba (CÓRD), 25.07.87, R. Busse
 Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
 Aiguemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelminck
 Parc Natural Aiguamolls de l'Emporda (GIR), 07.93, D. Chelminck
 Pond 2 km N Port de la Selva (GIR), 22.09.93, G. Lehmann & A. Wendler
 Riu Daró SE Girona (GIR), 10.07.94, D. Grand
 Roses, pond near harbour (GIR), 21.07.95, A. Martens
 Gardens of Alhambra in Granada (GRA), 23.07.87, R. Busse
 Basin near Alhambra of Granada (GRA), 05.06.92, W. Jakobs
 Pond near Lanjarón (GRA), 14.03.93, C. Röhn [larvae]
 Pond on the right hand of the road between Matarrubia and Oueblo de Beleña (GUA), 25.07.91, G. Jurzitza
 Laguna de las Madres NW Mazagón (HUEL), 06.-08.09.83, 26./27.04.88, P. Jahn
 Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Coto de Doñana (HUEL), 08.84, R. Prasse
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
 Pond near Los Bodegones N Mazagón (HUEL), 03.04.95, C. Röhn [larvae]
 Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin
 Santa Engracia (HUES), 13.07.82, A. Anselin
 Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder
 Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Pond near Los Molinos (HUES), 17.07.93, M. Schaub & M. Kéry
 Río Gállego near Sabiñe (HUES), 22.07.93, M. Schaub & M. Kéry
 Watering-place for cattle S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Torre de Vinagre, Parque Natural Cazorla-Segura (JAÉ), 05.05.87, A. Anselin
 Lake of Varucedo (LEO), 17.06.90, A. Cordero
 Ribera Salada between Basella and Ogern (LLE), 22./23.08.87, P. Jahn
 Stream near Olius E Solsona (LLE), 24.08.87, P. Jahn
 Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Estany de la Llebre (alt. 1670 m), Parc nacional d'Aiguës Tortes (LLE), 20.07.94, G. de Knijf
 Río Manzanares near El Pardo (MAD), 20.09.85, 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Hoyo del Manzanares (MAD), 06.06.87, 28.07.91
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Perales 7 km SW Chapinería (MAD), 27.07.91, G. Jurzitza
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, R. Busse [exuviae]
 Stream SW El Burgo (MÁL), 27.07.87, R. Busse
 Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn
 Effluent brook from Embalse near Ardales (MÁL), 18.04.88, R. Busse
 Marismas Guadalhorce W Málaga (MÁL), 19.07.89, J. Kahlert & A. Wendler
 Río Turón near Ardales (MÁL), 10.-16.09.89, G. Jurzitza

- Surroundings of Fuengirola (MÁL), 15.09.89, G. Jurzitza
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Río Araxes near Arriba (NAV), 15.07.88, J. de Volder
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24. 09.83, P. Jahn [larvae]
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, P. Jahn
 La Estancia 5 km W Alcañiz (TER), 30.06.91, D. Grand
 Small stream below Alfara de Algimia NW Sagunto (VAL), 25.05.90, D. Grand
 Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn
 Río Algas SW Nonaspe (ZAR), 09.07.+22.09.92, D. Chelmick
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry
- *Anax parthenope* Selys
 [Some specimens have been referred to ssp. *geyri* Buchholz which is treated here as a geographical form without subspecific status.]
 Guardias Viejas near Baños (ALM), 24.09.82, J. Sachteleben
 Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 05.09.83, P. Jahn
 S'Albufera, Mallorca (BAL), 24.10.-02.11.90, R. Busse
 Cala Figuera, Mallorca (BAL), 16.07.-04.08.95, H. von Hagen [exuviae]
 Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen
 Torrente de Muro, Mallorca (BAL), 20./22.07. 95, H. von Hagen
 Botanicactus in Ses Salines, Mallorca (BAL), 25.07.+04.08.95, H. von Hagen
 Embalse de Torrejón SW Navalморal de la Mata (CÁC), 04.09.83, P. Jahn
 Río Tajo near Montfragüe (CÁC), 14.09.82, J. Sachteleben
 Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand
 Almenara (CAS), 24.08.93, C. Bonet
 Swamp between Benicarló and Peñíscola (CAS), 02.09.93, D. Grand
 Río Cenia near Los Almedros (CAS), 02.09.93, D. Grand
 Arroyo de los Fresnos near Fuente del Fresne (CIU), 07.05.87, A. Anselin
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kählert & A. Wendler
 Laguna de Zóñar SW Aguilar (CÓRD), 15.04.88, P. Jahn
 Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
 Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 Parc Natural Aiguamolls de l'Emporda (GIR), 07.93, D. Chelmick
 Pond 2 km N Port de la Selva (GIR), 22.09.93, G. Lehmann & A. Wendler
 Río Guadalfeo S Orgiva (GRA), 26.03.95, C. Röhn [larvae]
 Laguna de las Madres NW Mazagón (HUEL), 06.-08.09.83, P. Jahn
 Río Odiel N N-435 (HUEL), 10.09.83, P. Jahn
 Coto de Doñana (HUEL), 08.84, R. Prasse
 Coto de Doñana, surroundings of Arroyo de Cañada Mayour ESE El Rocío (HUEL), 24.04.88, P. Jahn
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 Between Sariñena and Alcolea de Cinca (HUES), 27./28.07.93, M. Schaub & M. Kéry
 Mar Ontigola S Aranjuez (MAD), 22.09.85, 10.06.87, G. Jurzitza
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Río Perales near Quijorna (MAD), 27.07.91, G. Jurzitza
 Marismas Guadalhorce W Málaga (MÁL), 03.08.89, J. Kählert & A. Wendler
 Surroundings of Fuengirola (MAL), 15.09.89, G. Jurzitza
 Quarry NE Riógordo (MÁL), 27.03.95, C. Röhn [larvae]
 Río Guadalmedina N Málaga (MÁL), 28.03.95, C. Röhn [larvae]
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, 02.08.81, P. Jahn
 Delta of Ebro near Deltebre la Cava (TAR), 19.06.92, D. Chelmick
 Small stream below Alfara de Algimia NW Sagunto (VAL), 25.05.90, D. Grand
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

- *Cordulegaster bidentata* Selys

Selva de Osa near Hecho (HUES), 17.07.82, A. Anselin

Zuriza (HUES), 18.07.82, A. Anselin

Panticosa (HUES), 27.07.84, A. Anselin

- *Cordulegaster boltonii* (Donovan)

[Some Andalusian specimens are referred to ssp. *algirica* Morton. From other regions the nominotypical ssp. and ssp. *immaculifrons* Sel. are mentioned. The present records are insufficient to determine the subspecific ranges.]

Río del Escorial S Alcaraz (ALB), 11.03.93, C. Röhn [larvae]

Parque natural del Montseny, brook E pass Collformic (BAR), 26.08.87, P. Jahn [larvae]

Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmsick

Sierra del Algibe at CA-511 SW Puerto de Galiz (CÁD), 13.08.79, P. Jahn

Tributary of Embalse de los Hurones W Ubrique (CÁD), 18.-21.04.88, P. Jahn

Río Cenia 1 km E Embalse de Uldecona (CAS), 19.-30.07.94, 30.05.-23.06.95, B. Mahlendorf

Stream at San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann

Río Lambre 2 km SE Miño (COR), 05.09.-10.09.84, J. Hoffmann

Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann

Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmsick

El Ser N Banyoles (GIR), 16.07.94, D. Grand

Río Fardes E Ventas del Molinillo, S E-26/N-342 (GRA), 17.07.75, P. Jahn

El Especiezo (tributary of Arroyo Turillas), NW Cortijo Prados de Lopera, alt. 1200 m (GRA), 04.-06.08.81, 12.04.88, P. Jahn [larvae]

Stream N Otívar, Sierra del Chaparral (GRA), 05.08.81, (13.04.88 larvae), P. Jahn

Tributary of Río Aguas NE Granada (GRA), 11.03.92, C. Röhn [larvae]

Sierra de Aracena, brook S Jabugo at N-435 (HUEL), 05.08.79, P. Jahn

Stream near Molares at N-435, Sierra de Aracena (HUEL), 01.08.81, 11.09.83, P. Jahn [larvae]

Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder

Stream at Puerto de Oroel S Jaca (HUES), 25.07.88, J. de Volder

Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder

Stream 2 km N Santa Cruz de la Serós, 4 km SE Santa Cilio de Jaca (HUES), 06.07.91, G. de Knijf

Stream S Los Molinos (HUES), 17.07.93, M. Schaub & M. Kéry

Río Veral 8 km S Anso (HUES), 23.07.93, M. Schaub & M. Kéry

Valle de la Iglesia between Riaño and Puerto de Pontón (LEÓ), 22.07.89, A. Anselin

Stream E Naves de Segre, SE La Seu d'Urgell (LLE), 13.08.81, P. Jahn

Stream at L401 between Berga and Sant Llorenç (LLE), 14.07.93, M. Schaub & M. Kéry

Stream an L511 4 km below Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry

Caldes de Boi (LLE), 20.07.94, G. de Knijf

Aiguestortes (alt. 1870 m), just N of the Parc nacional d'Aigües Tortes (LLE), 24.07.94, G. de Knijf

Valle de la Barranca, Sierra de Guadarrama (MAD), 23.07.87, G. Jurzitza

Parque Regional Cuenca alta del río Manzanares (MAD), 26.07.87, G. Jurzitza

Río Canencia near Canencia, Sierra de Guadarrama (MAD), 25.07.81, G. Jurzitza

Laguna de Peña Rara near Puerto de Cotos (MAD), 25.07.94, G. Jurzitza

Outflow from Embalse de Guadalhorca (MÁL), 04.06.92, W. Jakobs

Río de Algarrobo y Sayalonga NE Velez-Málaga (MÁL), 27.03.95, C. Röhn [larvae]

Stream near Larraitz-Gain (NAV), 15.07.88, J. de Volder

Macchie SW Hoz de Arbáñun (NAV), 24.07.93, M. Schaub & M. Kéry

Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 25.09.83, P. Jahn

Río Carrion near Vidriados (PAL), 20.07.89, A. Anselin

Río Pisuerga near Camasobres (PAL), 21.07.89, A. Anselin

Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn

- *Oxygastra curtisii* (Dale)

Arroyo de Barbaón, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Río Tavizna NW Ubrique, upstream CA-524 (CÁD), 21.04.88, P. Jahn [larvae]
 El Ser, a tributary of el Fluvià E Besalú (GIR), 07.93, D. Chelmick
 El Ser N Banyoles (GIR), 16.07.94, D. Grand
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
 Pantà de Sant Ponç E Solsona (LLE), 24.08.87, P. Jahn
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24.09.83, P. Jahn [larvae]

- *Macromia splendens* (Pictet)

Río Tavizna NW Ubrique, upstream CA-524 (CÁD), 21.04.88, P. Jahn [larvae]

- *Libellula depressa* Linnaeus

Arroyo de Barbaón, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Santibañez el Bajo (CÁC), 08.05.88, A. Anselin
 Watering place for sheep at Fredes 5 km NW Embalse de Uldecona (CAS), 12.06.95, B. Mahlendorf
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 Pond on the right hand of the road between Matarrubia and Oueblo de Beleña (GUA), 25.07.91, G. Jurzitza
 La Laguna W Sariñena (HUES), 17.07.84, A. Anselin
 Capdesaso N Sariñena (HUES), 17.07.84, A. Anselin
 Valle de Benasque, Plan del Hospital (HUES), 15.07.89, A. Anselin
 Río Gállego at El Formigal (HUES), 12.07.91, G. de Knijf
 Swamp at Passo del Portalet (alt. 1794 m) (HUES), 21.07.93, M. Schaub & M. Kéry
 Dammed up stream near Astun (HUES), 22.07.93, M. Schaub & M. Kéry
 Stream near Olius E Solsona (LLE), 24.08.87, P. Jahn
 Gravel pit near Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Pond at Puerto de la Bonaigua (alt. 2072 m) (LLE), 16.07.93, M. Schaub & M. Kéry
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.87, G. Jurzitza
 Watering-place for cattle at the road between Miraflores and Rascafría (alt. 1760 m!) (MAD), 21.07.88, J. de Volder
 Río Esca near Isaba (NAV), 12.07.84, A. Anselin
 Ditches and ponds N Zamora, W N-630 (ZAM), 01.07.75, P. Jahn

- *Libellula fulva* Müller

Río Manzanares near El Pardo (MAD), 06.06.87, G. Jurzitza [sight record of a single male]

- *Libellula quadrimaculata* Linnaeus

Lago de la Ercina, Parque Nacional de Covadonga (AST), 24.07.89, A. Anselin
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Swamp at Passo del Portalet (alt. 1794 m) (HUES), 21.07.93, M. Schaub & M. Kéry
 Dammed stream near Astun (HUES), 22.07.93, M. Schaub & M. Kéry
 Pond at Puerto de la Bonaigua (alt. 2072 m) (LLE), 16.07.93, M. Schaub & M. Kéry
 Estany de la Llebre (alt. 1670 m), Parc nacional d'Aigües Tortes (LLE), 20.07.94, G. de Knijf
 Aiguadassí (alt. 1890 m), Parc nacional d'Aigües Tortes (LLE), 20.07.94, G. de Knijf
 Estany de Ratera, Parc nacional d'Aigües Tortes (LLE), 22.07.94, G. de Knijf
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza

- *Orthetrum brunneum* (Fonscolombe)

Pit waters near Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn [larvae]

Riera de Rupit at N-153 between Manlleu and Olot (BAR), 29.08.92, D. Chelmick
 Two brooklets 1 km NE Plasencia (CÁC), 04.10.95, H. Ehmann
 Tributary of Río Trejo W Puerto Cabañas, E Algodonales (CÁD), 17.04.88, P. Jahn [larvae]
 Río Cenia 1 km E Embalse de Ulledecona (CAS), 25.07.94, B. Mahlendorf
 Río Caldes upstream Forcall (CAS), 12.06.95, B. Mahlendorf
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler
 Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 Stream near El Port de la Selva (GIR), 13.07.93, M. Schaub & M. Kéry
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 Río Fardes E Ventas del Molinillo, S E-26/N-342 (GRA), 17.07.75, P. Jahn
 Río Odiel N N-435 (HUEL), 03.07.75, 10.09.83, P. Jahn
 Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, P. Jahn
 Santa Cilia de Jaca (HUES), 13.07.82, A. Anselin
 El Pueyo de Araguas (HUES), 15.07.84, A. Anselin
 La Laguna W Sariñena (HUES), 17.07.84, 07.85, A. Anselin
 Stream at Puente la Reina de Jaca (HUES), 24.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Río Aragón 2 km W Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Ditch near Río Aragón 1 km N Jaca (HUES), 14.07.91, G. de Knijf
 Tributary of Río Aragón S Ascara, 8 km W Jaca (HUES), 15.07.91, G. de Knijf
 Santa Cruz de la Serós, 10 km SW Jaca (HUES), 16.07.91, G. de Knijf
 Monasterio de San Juan de la Peña, 12 km SW Jaca (HUES), 16.07.91, G. de Knijf
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Pond near Villacarli (HUES), 17.07.93, M. Schaub & M. Kéry
 Stream W Pallaruelo (HUES), 27.07.93, M. Schaub & M. Kéry
 Fuente de los Frailes, Parque Natural Cazorla-Segura (JAÉ), 01.05.87, A. Anselin
 Río Hornos near Cortijos Nuevos (JAÉ), 03.05.87, A. Anselin
 Stream near Olius E Solsona (LLE), 24.08.87, P. Jahn
 Stream at L511 4 km below Coll de Nargó (LLE), 15.07.93, M. Schaub & M. Kéry
 Río de Conques an L912 W Figuerola (LLE), 15.07.93, M. Schaub & M. Kéry
 Caldes de Boi (LLE), 20.07.94, G. de Knijf
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Perales near Quijorna (MAD), 27.07.91, G. Jurzitza
 Río Perales 7 km SW Chapinería (MAD), 27.07.91, G. Jurzitza
 Stream SW El Burgo (MÁL), 24.07.87, R. Busse
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, R. Busse
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Río Tamega N Facas de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 La Estanca 5 km W Alcañiz (TER), 30.06.91, D. Grand
 Río Ulldemo near Beceite (TER), 28.07.94, B. Mahlendorf
 Pond in a quarry near Murillo de Gállego S Embalse de la Peña (ZAR), 26.07.88, J. de Volder
 Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, D. Chelmick
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

• *Orthetrum cancellatum* (Linnaeus)

Rambla de Morales N El Cabo de Gata (ALM), 23.-25.08.79, 07.-10.08.81, 06.-09.04.88, P. Jahn
 Pits E Almerima (ALM), 11.04.88, P. Jahn
 Pit waters near Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn

Cala Figuera, Mallorca (BAL), 16.07.-14.08.95, H. von Hagen
 Irrigation tanks near Sa Pobla/Muro, Mallorca (BAL), 16.07.-14.08.95, H. von Hagen
 Irrigation tanks near Campos, Mallorca (BAL), 17.-25.07.95, H. von Hagen
 Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen
 Torrente de Muro, Mallorca (BAL), 20./22.07.95, H. von Hagen
 Botanicactus in Ses Salines, Mallorca (BAL), 25.07.-04.08.95, H. von Hagen
 Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 04.09.83, P. Jahn
 Embalse de Talaván N Monroy (CÁC), 29.04.88, R. Busse
 Swamp between Benicarló and Peñíscola (CAS), 26.05.90, D. Grand
 Río Cenia near Los Almedros (CAS), 02.09.93, D. Grand
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Río Ter near Verges NE Girona (GIR), 29.08.87, P. Jahn
 Parc Natural Aiguamolls de l'Emporda (GIR), 07.93, D. Chelmick
 Laguna de las Madres NW Mazagón (HUEL), 08.09.83, 26./27.04.88, P. Jahn
 Coto de Doñana, between Matalascanas and El Acebuche (HUEL), 08.84, R. Prasse
 Coto de Doñana near El Rocío (HUEL), 29.07.87, R. Busse
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 La Laguna W Sariñena (HUES), 17.07.84, A. Anselin
 Río Aragón at Santa Cilia de Jaca (HUES), 05.07.91, G. de Knijf
 Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Between Sariñena and Alcolea de Cinca (HUES), 28.07.93, M. Schaub & M. Kéry
 Watering place for animals S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Mar Ontigola S Aranjuez (MAD), 10.06.87, G. Jurzitza
 Embalse de El Vellón (MAD), 18.07.88, J. de Volder
 Forest pond near Miraflores de la Sierra (MAD), 19.07.88, J. de Volder
 Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn
 Marismas Guadalhorce W Málaga (MÁL), 19.07.89, J. Kahlert & A. Wendler
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, P. Jahn
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

• *Orthetrum coerulescens* (Fabricius)

Mouth of río Antas N Garrucha (ALM), 08.08.74, R. Jödicke
 Río Búrdalo N E-4 (border to prov. of Cáceres) and nearby pit waters (BAD), 25.07.81, 05.09.83, P. Jahn
 Parc natural S'Albufera, Mallorca (BAL), 02.08.95, H. von Hagen
 Arroyo de Barbañou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza
 Two brooklets 1 km NE Plasencia (CÁC), 04.10.95, H. Ehmann
 Tributary of Embalse de los Hurones W Ubrique (CÁD), 20.04.88, P. Jahn
 Pond near La Zorilla 15 km NW Los Barrios (CÁD), 07.07.90, E. Prendergast
 Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kahlert & A. Wendler
 Stream at San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Stream in the Gandaras de Budiño 5 km S Porriño (COR), 15.09.84, G.-M. Heintze
 Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher

Stream near El Port de la Selva (GIR), 13.07.93, M. Schaub & M. Kéry
 Tributary of el Fluvià at Moli d'en Sola W Sant Pere Despuig (GIR), 07.93, D. Chelmick
 El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
 El Llobregat N Cabanes (GIR), 20.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 Forest brook near Sigüenza (GUA), 22.07.87, G. Jurzitza
 Sierra de Aracena, brook S Jabugo at N-435 (HUEL), 05.08.79, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 07./08.09.83, 26./27.04.88, P. Jahn
 Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Embalse de Corumbel Bajo (HUEL), 10.07.90, J.-P. Boudot
 La Laguna W Sariñena (HUES), 17.07.84, A. Anselin
 Stream at Puente la Reina de Jaca (HUES), 24.07.88, J. de Volder
 Río Estuarrun near Novés NW Jaca (HUES), 27.07.88, J. de Volder
 Tributary of Río Aragón S Ascara, 8 km W Jaca (HUES), 15.07.91, G. de Knijf
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Stream W Pallaruelo (HUES), 27.07.93, M. Schaub & M. Kéry
 Stream near gravel pit E Sariñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Río Aragón Subordán, 7 km N Hecho (HUES), 20.07.95, T. Stalling & S. Schaulin
 Río Segre N Basella (LLE), 22.08.87, P. Jahn
 Ribera Salada between Basella and Ogerm (LLE), 22./23.08.87, P. Jahn
 Río Cardener between Clariana and Cardona (LLE/BAR), 24.08.87, P. Jahn
 Reservoir of río d'Aigoamòtx near Tredòs (LLE), 24.07.94, G. de Knijf
 Río Manzanares near El Pardo (MAD), 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Parque Regional Cuenca alta del río Manzanares (MAD), 26.07.87, G. Jurzitza
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Guadarrama N Las Rozas de Madrid (MAD), 05.09.92, D. Chelmick
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, R. Busse
 Arroyo Casarabonela near Alozaina (MÁL), 16.09.89, G. Jurzitza
 Tributary of río Salazar near Lumbier (NAV), 01.08.93, M. Schaub & M. Kéry
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 24./25.09.83, P. Jahn
 Río Algas near Caseres at bridge of N-420 (TAR), 30.06.91, D. Grand
 Small stream below Alfara de Algimia NW Sagunto (VAL), 25.05.90, D. Grand
 Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, D. Chelmick

• *Orthetrum chrysostigma* (Burmeister)

Pit waters near Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, 05.09.83, P. Jahn
 Foot path 1 km S Plasencia (CÁC), 10.10.95, H. Ehmann
 Quarry near Los Barrios (CÁD), 06./09.07.90, E. Prendergast
 Embalse de Charco Redondo (CÁD), 11.07.90, E. Prendergast
 Almenara (CAS), 24.08.93, C. Bonet
 Guadalquivir at Córdoba (CÓRD), 22.04.88, R. Busse
 Stream N Otívar, Sierra del Chaparral (GRA), 17.08.79, 05.08.81, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 07.09.83, P. Jahn
 Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Embalse de Corumbel Bajo (HUEL), 10.07.90, J.-P. Boudot
 Río Turón near Ardales (MÁL), 10.-16.09.89, G. Jurzitza
 Parque Ardales, Embalse de Chorro (MÁL), 11.09.89, G. Jurzitza
 Arroyo Casarabonela near Alozaina (MÁL), 16.09.89, G. Jurzitza

- *Orthetrum nitidinerve* (Selys)

Coto de Doñana, between Matalascañas and El Rocío, (HUEL), 03.06.92, W. Jakobs [sight record of a single female]

Two confluent brooks at C-1310 4 km NE Ontifena (HUES), 03.07.93, 15.07.94, D. Grand

- *Orthetrum trinacria* (Selys)

Coto de Doñana near El Acebuche (HUEL), 08.84, R. Prasse

- *Crocothemis erythraea* (Brullé)

Mouth of Río Antas N Garrucha (ALM), 08.08.74, R. Jödicke

Rambla de Morales N El Cabo de Gata (ALM), 23.-25.08.79, 07.-10.08.81, P. Jahn

Pits E Almerima (ALM), 11.04.88, P. Jahn

Cabo de Gata, Salines (ALM), 28.09.82, J. Sachteleben

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 04.08.79, P. Jahn

Río Búrdalo N E-4 (border to prov. of Cáceres) and nearby pit waters (BAD), 25.07.81, 05.09.83, P. Jahn

Desert area 5 km N Mérida (BAD), 04.07.95, T. Stalling & S. Schaulin

Cala Figuera, Mallorca (BAL), 16.07.-14.08.95, H. von Hagen

Irrigation tanks near Sa Pobla/Muro, Mallorca (BAL), 16.07.-14.08.95, H. von Hagen

Irrigation tanks near Campos, Mallorca (BAL), 17.-25.07.95, H. von Hagen

Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen

Torrente de Muro, Mallorca (BAL), 20./22.07.95, H. von Hagen

Botanicactus in Ses Salines, Mallorca (BAL), 25.07.+04.08.95, H. von Hagen

Embalse de Torrejón SW Navalморal de la Mata (CÁC), 03./04.08.79, P. Jahn

Río Tajo near Montfragüe (CÁC), 14.09.82, J. Sachteleben

Arroyo de Barbaou, Parque Natural de Monfragüe (CÁC), 11.06.87, G. Jurzitza

Sierra de Fuentes (CÁC), 30.09.92, A. Cordero

Río Tiétar 15 km SE Malpartida de Plasencia, near C-511 (CÁC), 14.07.95, T. Stalling & S. Schaulin

Stream 10 km NE Cáceres (CÁC), 14./15.07.95, T. Stalling & S. Schaulin

Pond 1km S railway station of Cáceres (CÁC), 09.10.95, H. Ehmann

Salines near Colonia de la Algaida (CÁD), 21.09.82, J. Sachteleben

Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn

Quarry near Los Barrios (CÁD), 06./09.07.90, E. Prendergast

Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand

Río Cenja between Pantà d'Ulldecona and La Sènia (CAS), 27.05.90, 02.09.93, D. Grand

Almenara (CAS), 24.08.93, C. Bonet

Swamp between Benicarló and Peñíscola (CAS), 02.09.93, D. Grand

Río Cenja near Los Almedros (CAS), 02.09.93, D. Grand

Tablas de Daimiel (CIU), 18.09.82, J. Sachteleben

Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann

Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann

Tanks at Palace in Córdoba (CÓRD), 25.07.87, R. Busse

Guadalquivir at Córdoba (CÓRD), 22.04.88, R. Busse

Aiguemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher

Parc Natural Aiguamolls de l'Emporda (GIR), 07.93, D. Chelmnick

El Llobregat NE Biure, near bridge of N-11 (GIR), 19.07.95, A. Martens

El Llobregat SW Peralada (GIR), 19.07.95, A. Martens

Pond on the right hand of the road between Matarrubia and Oueblo de Beleña (GUA), 25.07.91, G. Jurzitza

Stream near Almonte (HUEL), 06.08.79, P. Jahn

Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, 26.07.81, P. Jahn

Laguna de las Madres NW Mazagón (HUEL), 06.-08.09.83, 26./27.04.88, P. Jahn

Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Río Odiel N N-435 (HUEL), 09./10.09.83, P. Jahn
 Coto de Doñana (HUEL), 08.84, R. Prasse
 Coto de Doñana near El Rocío (HUEL), 29.07.87, R. Busse
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn
 Tributary of Rivera de Meca NE San Bartolomé de la Torre (HUEL), 28./29.04.88 P. Jahn
 Embalse de Corumbel Bajo (HUEL), 10.07.90, J.-P. Boudot
 Coto de Doñana, between Matalascañas and El Rocío, (HUEL), 03.06.92, W. Jakobs
 Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand
 Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand
 Stream W Pallaruelo (HUES), 27.07.93, M. Schaub & M. Kéry
 Between Sariñena and Alcolea de Cinca (HUES), 27./28.07.93, M. Schaub & M. Kéry
 Watering-place for cattle S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Stream near Kieswerk E Sariñena (HUES), 29.07.93, M. Schaub & M. Kéry
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 El Segre at C-1313 near Térmens (LLE), 12.07.94, D. Grand
 Río Manzanares near El Pardo (MAD), 20.09.85, 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza
 Río Perales 7 km SW Chapinería (MAD), 27.07.91, G. Jurzitza
 Río Turón near Ardales (MÁL), 20.07.87, R. Busse
 Stream SW El Burgo (MÁL), 24.07.87, R. Busse
 Río Guadalteba NW Serrato near N-341 (MÁL), 24.07.87, R. Busse
 Effluent brook from Embalse near Ardales (MÁL), 26.07.87, 18.04.88, R. Busse
 Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn
 Marismas Guadalhorce W Málaga (MÁL), 19.07.+03.08.89, J. Kähler & A. Wendler
 Río Turón near Ardales (MÁL), 10.-16.09.89, G. Jurzitza
 Arroyo Casarabonela near Alozaina (MÁL), 16.09.89, G. Jurzitza
 Laguna de la Fuente de Piedra 25 km WNW Antequera (MÁL), 11.04.94, H. Ehmann
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 25.09.83, P. Jahn
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, 02.08.81, P. Jahn
 Río Guadalquivir at Sevilla (SEV), 26.08.92, D. Chelmick
 Laguna de Zaida (ZAR), 22.07.90, J.-P. Boudot
 Ebro, Embalse de Mequinenza, 4 km NE Caspe (ZAR), 23.07.90, J.-P. Boudot
 Río Algas SW Nonaspe (ZAR), 09.07.+22.09.92, 17.08.93, D. Chelmick
 Between Carcastillo and Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry
 Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

- *Brachythemis leucosticta* (Burmeister)

Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 04.09.83, P. Jahn
 Reservoir 3 km N Alcuéscar (CÁC), 08.07.95, T. Stalling & S. Schaulin
 Embalse Arrocampo-Almaraz 2 km S Saucedilla (CÁC), 14./15.07.95, T. Stalling & S. Schaulin
 Reservoir W Los Barrios (CÁD), 06.07.90, E. Prendergast
 Embalse de Charco Redondo (CÁD), 11.07.90, E. Prendergast
 Laguna de las Madres NW Mazagón (HUEL), 06.-08.09.83, (26./27.04.88 larvae), P. Jahn
 Coto de Doñana, Laguna de la Madres and near El Acebuche (HUEL), 08.84, R. Prasse
 Marismas Guadalhorce W Málaga (MÁL), 19.07.+03.08.89, J. Kähler & A. Wendler
 American Garden of Sevilla (SEV), 26.08.92, D. Chelmick
 Río Guadalquivir at Sevilla (SEV), 26.08.92, D. Chelmick

- *Diplacodes lefebvrii* (Rambur)

Coto de Doñana, Laguna de la Madres, also between Matalascañas and El Acebuche (HUEL), 08.84, R. Prasse
 Marismas Guadalhorce W Málaga (MÁL), 19.07.+03.08.89, J. Kähler & A. Wendler

- *Sympetrum flaveolum* (Linnaeus)

Parc Natural Aiguamolls de l'Empordà (GIR), 07.93, D. Chelmick
 Río Segre E Martinet between La Seu d'Urgell and Puigcerdà (LLE), 22.07.81, P. Jahn
 Estany de la Llebre (alt. 1670 m), Parc nacional d'Aigües Tortes (LLE), 20.07.94, G. de Knijf
 Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin

- *Sympetrum fonscolombii* (Selys)

Rambla de Morales N El Cabo de Gata (ALM), 23.-25.08.79, 06.-09.04.88, P. Jahn
 Pits E Almerima (ALM), 11.04.88, P. Jahn
 Beach of Carboneras S Garrucha (ALM), 04.05.87, A. Anselin
 Embalse de Rosarito S Candeleda (ÁVI), 02.05.88, A. Anselin
 Embalse de Proserpina N Mérida (BAD), 15.08.74, R. Jödicke
 Embalse near Morante NW Mérida (BAD), 26.04.88, R. Busse
 S'Albufera, Mallorca (BAL), 24.10.-02.11.90, R. Busse
 Cala Figuera, Mallorca (BAL), 04.-14.08.95, H. von Hagen
 Botanicactus in Ses Salines, Mallorca (BAL), 25.07.+04.08.95, H. von Hagen
 Irrigation tanks near Campos, Mallorca (BAL), 17.-25.07.95, H. von Hagen [exuviae]
 Río Salor (CÁC), 30.09.92, A. Cordero
 Torremocha (CAC), 30.09.92, A. Cordero
 Two brooklets 1 km NE Plasencia (CÁC), 04.10.95, H. Ehmann
 Pond 1km S railway station of Cáceres (CÁC), 09.10.95, H. Ehmann
 Río Majaceite S Algar (CÁD), 23.04.88, P. Jahn
 Embalse de Charco Redondo (CÁD), 11.07.90, E. Prendergast
 Quarry near Los Barrios (CÁD), 06./09.07.90, E. Prendergast
 Pit waters near N-234 at Sot de Ferrer (CAS), 25.05.90, D. Grand
 Swamp between Benicarló and Peñíscola (CAS), 26.05.90, 02.09.93, D. Grand
 Río Cenia between Pantà d'Ulldecona and La Sénia (CAS), 27.05.90, 02.09.93, D. Grand
 Río Cenia near Los Almedros (CAS), 02.09.93, D. Grand
 Arroyo de los Fresnos near Fuente del Fresne (CIU), 07.05.87, A. Anselin
 Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann
 Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Tanks at Palace in Córdoba (CÓRD), 25.07.87, R. Busse
 Laguna de Zóñar SW Aguilar (CÓRD), 15.04.88, P. Jahn
 Guadalquivir at Córdoba (CÓRD), 22.04.88, R. Busse
 Stream below Castillo de Balalcázar (CÓRD), 24.04.88, R. Busse
 Aiguamolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 Parc Natural Aiguamolls de l'Empordà (GIR), 07.93, D. Chelmick
 Port de la Selva (GIR), 24.09.93, G. Lehmann & A. Wendler
 El Llobregat SW Peralada (GIR), 19.07.95, A. Martens
 La Muga near Castell de Montmari, E Pont de Molins (GIR), 19.07.95, A. Martens
 La Muga SE Castelló d'Emúries (GIR), 20.07.95, A. Martens
 La Muga S Vilanova de la Muga (GIR), 20.07.95, A. Martens
 Roses, beach (GIR), 21.07.95, A. Martens
 Pond on the right hand of the road between Matarrubia and Oueblo de Beleña (GUA), 25.07.91,
 G. Jurzitza
 Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 06.-08.09.83, 26./27.04.88, P. Jahn
 Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Río Odiel N N-435 (HUEL), 09./10.09.83, P. Jahn
 Coto de Doñana (HUEL), 08.84, R. Prasse
 Coto de Doñana near El Rocío (HUEL), 29.07.87, R. Busse

Coto de Doñana, surroundings of Arroyo de Cañada Mayour ESE El Rocío (HUEL), 24.04.88, P. Jahn

Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn

Embalse de Corumbel Bajo (HUEL), 10.07.90, J.-P. Boudot

Pit near Los Cabezudos SW Almonte (HUEL), 26.03.93, 02.04.95, C. Röhn [larvae]

La Laguna W Sariñena (HUES), 17.07.84, 07.85, A. Anselin

Pond at Monasterio de San Juan de la Peña SW Jaca (HUES), 25.07.88, J. de Volder

Reservoir at C-230 E Castejón de Monégros (HUES), 29.06.92, D. Grand

Southern border of Parque Nacional de Ordesa, 1 km N Fanlo del Valle de Vio (HUES), 22.07.92, G. de Knijf

Two confluent brooks at C-1310 4 km NE Ontiñena (HUES), 03.07.93, 15.07.94, D. Grand

Western bank of Embalse de Sotonera (HUES), 27.07.93, M. Schaub & M. Kéry

Small stream W Pallaruelo (HUES), 27.07.93, M. Schaub & M. Kéry

Between Sariñena and Alcolea de Cinca (HUES), 27./28.07.93, M. Schaub & M. Kéry

Watering-place for cattle S Ontiñena (HUES), 29.07.93, M. Schaub & M. Kéry

Río Gállego near San Mateo (HUES), 29.07.93, M. Schaub & M. Kéry

Río Aragón Subordán, 1 km S Hecho (HUES), 21.07.95, T. Stalling & S. Schaulin

El Segre at C-1313 near Térmens (LLE), 12.07.94, D. Grand

Río Manzanares near El Pardo (MAD), 20.09.85, 20.05.86, 06.-10.06.+21./23.07.87, G. Jurzitza

Mar Ontigola S Aranjuez (MAD), 22.09.85, 10.06.87, G. Jurzitza

Embalse de El Vellón (MAD), 18.07.88, J. de Volder

Río Perales near Quijorna (MAD), 27.07.91, G. Jurzitza

Tank near Carratraca (MÁL), 19.07.87, R. Busse

Río Turón near Ardales (MÁL), 20.07.87, R. Busse

Embalse near Ardales (MÁL), 22./26.07.87, 18.04.88, R. Busse

Stream SW El Burgo (MÁL), 24.07.87, R. Busse

Río Guadalteba NW Serrato near N-341 (MÁL), 24.07.87, R. Busse

Laguna Grande E Archidona (MÁL), 13./14.04.88, P. Jahn

Laguna Chica E Archidona (MÁL), 14.04.88, P. Jahn

Río Turón near Ardales (MÁL), 10.-16.09.89, G. Jurzitza

Laguna de la Fuente de Piedra 25 km WNW Antequera (MÁL), 11.04.94, H. Ehmann

Embalse de Allos (NAV), 16.07.88, J. de Volder

Watering-place for cattle near Ulzurrun (NAV), 16.07.88, J. de Volder

Río Guadalquivir at Sevilla (SEV), 26.08.92, D. Chelmick

Delta of Ebro near Deltebre la Cava (TAR), 19.06.92, D. Chelmick

La Estanca 5 km W Alcañiz (TER), 30.06.91, D. Grand

Laguna de Zaida (ZAR), 22.07.90, J.-P. Boudot

Ebro, Embalse de Mequinenza, 4 km NE Caspe (ZAR), 23.07.90, J.-P. Boudot

Río Algas SW Nonaspe (ZAR), 22.09.92, 17.08.93, D. Chelmick

Lake N Sádaba (ZAR), 26.07.93, M. Schaub & M. Kéry

- *Sympetrum meridionale* (Selys)

Rambla de Morales N El Cabo de Gata (ALM), 07.-10.08.81, P. Jahn

Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 04.08.79, P. Jahn

Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 25.07.81, P. Jahn

Río Tajo near Montfragüe (CAC), 14.09.82, J. Sachteleben

Salines near Colonia de la Algaida (CÁD), 21./22.09.82, J. Sachteleben

Stream at San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann

Río Eume 10 km E Puente deume (COR), 14.-18.08.84, J. Hoffmann

Spring swamp near San Juan 4 km SSW Puente deume (COR), 10.08.-05.10.84, J. Hoffmann

Stream in dunes 3 km NW Valdoviño (COR), 02.-04.09.84, J. Hoffmann

Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann

Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann

Stream in the Gandaras de Budiño 5 km S Porriño (COR), 15.09.84, G.-M. Heintze

Aigemolls, Empuria E Figueras (GIR), 10.08.88, M. Wasscher
 Parc Natural Aiguamolls de l'Empordà (GIR), 07.93, D. Chelmick
 Stream near Almonte (HUEL), 06.08.79, P. Jahn
 Coto de Doñana, dunes near Higuera (HUEL), 20.09.82, J. Sachteleben
 La Laguna W Sarifena (HUES), 17.07.84, A. Anselin
 Río Turón SW Ardales (MÁL), 31.05.92, W. Jakobs
 Brackish ponds at Guadalquivir W Lebrija (SEV), 13.08.79, 02.08.81, P. Jahn

- *Sympetrum pedemontanum* (Allioni)

Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 11.09.84, J. Hoffmann

- *Sympetrum sanguineum* (Müller)

Río Eume 10 km E Puente de Eume (COR), 14.-18.08.84, J. Hoffmann
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Río Lambre 2 km SE Miño (COR), 05.09.-10.09.84, J. Hoffmann
 Stream in the Gandaras de Budiño 5 km S Porriño (COR), 15.09.84, G.-M. Heintze
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Santa María de Buil, Sarratillo (HUES), 26.10.94, A. Anselin
 Reservoir of río d'Aigoamòtx near Tredòs (LLE), 24.07.94, G. de Knijf
 Río Tamega N Faces de Abajo (border to Portugal), S Verin (OUR), 24./25.09.83, P. Jahn

- *Sympetrum sinaiticum tarraconense* Jödicke

Arroyo Casarabonela near Alozaina (MÁL), 16.09.89, G. Jurzitza
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn
Observer's remark: „Several individuals which were not thoroughly examined were originally mistaken for *S. vulgatum*. Unfortunately, they were not collected. They probably belonged to *S. sinaiticum*.“ [P. Jahn]

- *Sympetrum striolatum* (Charpentier)

S'Albufera, Mallorca (BAL), 24.10.-02.11.90, R. Busse
 Río Ardila W N-435, SSW Valverde de Burguillo (BAD), 04.08.79, P. Jahn
 Parc natural S'Albufera, Mallorca (BAL), 31.07.-12.08.95, H. von Hagen [subadult]
 Two brooklets 1 km NE Plasencia (CÁC), 04.10.95, H. Ehmann
 Pond 1 km S railway station of Cáceres (CÁC), 09.10.95, H. Ehmann
 Upper course of Río Gadales Campobuche at C-3331, NE Villaluenga de Rosario (CÁD), 22.04.88, P. Jahn [larvae]
 Swamp between Benicarló and Peñíscola (CAS), 02.09.93, D. Grand
 Lagoon 1.5 km W Valdoviño (COR), 02.-04.09.84, J. Hoffmann
 Río Mandeo 3 km E Betanzos (COR), 06.09.84, J. Hoffmann
 Stream in the Gandaras de Budiño 5 km S Porriño (COR), 15.09.84, G.-M. Heintze
 Lagoons in the Gandaras de Budiño 8 km S Porriño (COR), 21.-25.09.84, J. Hoffmann
 Sierra de Aracena, Puerto Moral E Aracena (HUEL), 05.08.79, P. Jahn
 Stream near Almonte (HUEL), 06.08.79, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 07./08.09.83, (26.04.88 larvae), P. Jahn
 Dique de Campofrío N Minas de Riotinto (HUEL), 09.09.83, P. Jahn
 Río Odiel N N-435 (HUEL), 09./10.09.83, P. Jahn
 Sierra de Aracena, brook E Sta. Aná la Real at H-521 (HUEL), 11.09.83, P. Jahn
 Stream near Molares at N-435, Sierra de Aracena (HUEL), 12.09.83, P. Jahn
 Pits W Laguna de las Madres (HUEL), 28.04.88, P. Jahn [larvae]
 Pond near Villacarli (HUES), 17.07.93, M. Schaub & M. Kéry
 Lake of Varucedo (LEÓ), 17.06.90, A. Cordero
 Río Cardener between Clariana and Cardona (LLE/BAR), 24.08.87, P. Jahn

Río Manzanares near El Pardo (MAD), 20.09.85, G. Jurzitza
 Stream near Torrelodones (MAD), 20.07.88, J. de Volder
 Río Guadarrama N Las Rozas de Madrid (MAD), 05.09.92, D. Chelmick
 Small stream crossed by C-607 near La Ponderosa (MAD), 05.09.92, D. Chelmick
 Stream SW El Burgo (MÁL), 24.07.87, R. Busse
 Río Tamega N Faces de Abajo (border to Portugal), S Verín (OUR), 25.09.83, P. Jahn
 Delta of Ebro near Deltebre la Cava (TAR), 19.06.92, D. Chelmick
 Stream SE Onteniente, along railway Onteniente-Alcoy and C-3316 (VAL), 12.08.81, P. Jahn
 Río Algas SW Nonaspe (ZAR), 22.09.92, D. Chelmick

- *Sympetrum vulgatum ibericum* Ocharan
 Embalse de Cervera-Ruesca (PAL), 19.07.89, A. Anselin

- *Leucorrhinia dubia* (Vander Linden)
 Pond at Puerto de la Bonaigua (alt. 2072 m) (LLE), 16.07.93, M. Schaub & M. Kéry

- *Trithemis annulata* (Palisot de Beauvois)
 Río Búrdalo N E-4 (border to prov. of Cáceres) (BAD), 05.09.83, P. Jahn
 Embalse de Torrejón SW Navalmoral de la Mata (CAC), 03./04.08.79, , 24.07.81, 04.09.83, P. Jahn
 Río Tajo at Salto del Gitano, Monfragüe (CÁC), 11.07.95, T. Stalling & S. Schaulin
 Río Tiétar at Portilla del Tiétar, Monfragüe (CÁC), 12.07.95, T. Stalling & S. Schaulin
 Embalse de Guadarranque (CÁD), 10.07.90, E. Prendergast
 Embalse de Charco Redondo (CÁD), 11.07.90, E. Prendergast
 Almenara (CAS), 24.08.93, C. Bonet
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kählert & A. Wendler
 Rivera del Chanza between Aroche and Rosal de Frontera (HUEL), 12.08.79, P. Jahn
 Río Odiel N N-435 (HUEL), 09./10.09.83, P. Jahn
 Laguna de las Madres NW Mazagón (HUEL), 07./08.09.83, 26./27.04.88, P. Jahn
 Embalse de Corumbel Bajo (HUEL), 10.07.90, J.-P. Boudot
 Marismas Guadalhorce W Málaga (MÁL), 19.07.89, J. Kählert & A. Wendler
 Embalse near Ardales (MÁL), 22./26.07.87, R. Busse
 Río Guadalteba NW Serrato near N-341 (MÁL), 24.07.87, R. Busse
 Parque Ardales, Embalse de Chorro (MÁL), 11.09.89, G. Jurzitza
 Surroundings of Fuengirola (MÁL), 15.09.89, G. Jurzitza
 Ebro, Embalse de Mequinenza, 4 km NE Caspe (ZAR), 23.07.90, J.-P. Boudot
 Laguna de Zaida (ZAR), 22.07.90, J.-P. Boudot
 Río Algas 8 km upstream bridge SW Nonaspe (ZAR), 22.09.92, D. Chelmick

- *Selysiothemis nigra* (Vander Linden)
 Salines near Roquetas de Mar (ALM), 28.05.92, K. Jödicke
 Parc natural S'Albufera, Mallorca (BAL), 18.07.-12.08.95, H. von Hagen
 Botanicactus in Ses Salines, Mallorca (BAL), 25.07.+04.08.95, H. von Hagen
 Irrigation tanks near Campos, Mallorca (BAL), 17.-25.07.95, H. von Hagen [exuvia]
 Embalse de Torrejón SW Navalmoral de la Mata (CÁC), 24.08.79, P. Jahn [sight record of a single female]
 Parque Natural de las Lagunas de Ruidera, lakes at N-430 (CIU), 04.08.89, J. Kählert & A. Wendler

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