

Supplementary material

IMOST: a database for non-marine ostracods in the Iberian Peninsula, the Balearic Islands and Macaronesia

Andreu Castillo-Escrivà, Ángel Baltanás, Antonio Camacho, David J. Horne, Joan Lluís Pretus & Francesc Mesquita-Joanes

Data sources

Tab. S1 Sources forming IBOST

Source	Publication	NODE
AguilarRockPool	Aguilar-Alberola, J.A. & F. Mesquita-Joanes, 2011. <i>Limnologica</i> 41:348-355	No
AlcorloMonegros	Alcorlo, P., et al., 1997. <i>Water, Air, and Soil Pollution</i> 99:681-688	No
AlcorloShape	Alcorlo, P., et al., 1999. <i>Yerbilimleri (Geosound)</i> 35:1-11	No
AlonsoVillafafila	Alonso, M., 1983. <i>Actas del Primer Congreso Español de Limnología</i> 61-67	Yes
Aragon	Unpublished data from Aragón, 2000. F. Mesquita-Joanes	No
ArmengolBigues	Armengol, J. 1972. <i>Treballs de la Societat Catalana de Biologia</i> 32:120-126	Yes
ArmengolDonana	Armengol, J. 1976. <i>Oecologia Aquatica</i> 2:93-97	Yes
ArmengolFondo	Armengol, X., et al., 2002. <i>Ecología</i> 16:243-257	No
ArmengolMancha	Armengol, J., et al., 1975. <i>Boletín de la Estación Central de Ecología</i> 4:11-27	Yes
ArmengolReservoir	Armengol, J. 1978. <i>Oecologia Aquatica</i> 3:3-96	Yes
BaltanasCanary	Baltanás, A. & J. García-Avilés, 1993. <i>Bull. Soc. Nat. Luxemb.</i> 94:219-232	Yes
BaltanasMonegros	Baltanás, Á., and P. Alcorlo. 2003. <i>Medio Ambiente de Zaragoza (Report)</i>	No
BaltanasNODE	Unpublished data in NODE. Á. Baltanás	Yes
BaltanasPeninsula	Baltanas, A., 1992. <i>Archiv für Hydrobiologie</i> 90:419-452	Yes
BaltanasUnpub	Unpublished data. Ángel Baltanás	No
BaltanasSaline	Baltanas, A., et al., 1990. <i>Hydrobiologia</i> 197:207-220	Yes
BarreraStream	Barrera, L., et al., 2014. <i>Bol. R. Soc. Esp. Hist. Nat.</i> 108:125-135	No
BarreraStream2	Unpublished data of interstitial samples, 2015. L. Barrera & F. Mesquita-Joanes	No

Tab. S1 Sources forming IBOST (continued)

Source	Publication	NODE
BeyerCanary	Beyer, G. & C. Meisch, 1996. <i>Trav. sci. Mus. Hist. nat. Luxemb.</i> 23: 29–56.	Yes
BigotDonana	Bigot, L. & F. Marazanof, 1965. <i>Vie Milieu</i> 16:441-473	Yes
Brehm	Brehm, V. 1925. <i>Senckenbergiana</i> 7:179-185	Yes
BrehmAragonica	Brehm, V. & R. Margalef, 1949. <i>Publ. Inst. Biol. Apl.</i> 5:5-9	Yes
CastilloEcolake	Unpublished data of project ECOLAKE, 2013. A. Castillo & F. Mesquita-Joanes	No
CastilloMancha	Castillo-Escrivà, A., et al., 2016. <i>Aquatic sciences</i> 78:707-716.	No
CastilloStream	Castillo-Escrivà, A., et al., 2016. <i>Acta Oecologica</i> 73:1-9	No
CastilloTemporal	Castillo-Escrivà, A., et al., 2017. <i>Limnologica</i> 62:104-110	No
Cavanilles	Unpublished data of the ICBiBE since 2010. F. Mesquita-Joanes	No
CominGallocanta	Comín, F.A., et al., 1983. <i>Hydrobiologia</i> 105:207-221	No
Entocytherid	Mestre, A., et al., 2013. <i>Ecol. Evol.</i> 3:5237-5253	No
EscrivaHeadwater	Escrivà, A., J. M. Poquet & F. Mesquita-Joanes, 2015. <i>Inland Waters</i> 5:283-294	No
EscrivaMaestrat	Escrivà, A., 2011. Editorial <i>Antinea & Ajuntament de Vinaròs</i>	No
EscrivaReservoir	Escriva, A., et al., 2014. <i>Knowl. Manag. Aquat. Ecosyst.</i> 412:09	No
EscrivaRubiales	Escrivà, A., X. Armengol, & F. Mezquita, 2009. <i>Teruel</i> 92:165-192	No
EvaristWetland	Unpublished data of Mediterranean wetlands, 1992. F. Mesquita-Joanes	No
FernandesEucypris	Fernandes Martins, M.J., et al., 2009. <i>Hydrobiologia</i> 636:219-232.	No
FernandesPortugal	Fernandes Martins, M.J., et al., 2010. <i>Journal of Limnology</i> 69:160-173.	No
ForesDelta	Forés, E., M. Menéndez & F.A. Comín, 1986. <i>Miscelanea Zoologica</i> 10:105-111	No
GifreEmporda	Gifre, J., et al., 2002. <i>Archiv für Hydrobiologie</i> 154:499-514.	No
GonzalezHerpetoc	González-Mozo, M.E., et al., 1996. <i>Bull. Inst. R. Sc. Nat. Belg</i> 66:93-132	Yes
IepureStream	Iepure, S., et al., 2014. <i>International Review of Hydrobiology</i> 99:435-449	No
LopezWetland	Unpublished data of Mediterranean wetlands, 1989. M.P. López, & X. Tomás	No
MalmqvistCanary	Malmqvist, B., et al., 1997. <i>Hydrobiologia</i> 347:159-170.	No
MarazanofDonana	Marazanof, F. 1967. <i>Annales Limnologie</i> 3:47-64.	Yes
Margalef1953	Margalef, R., 1953. <i>Biología de las aguas continentales</i> , 10	Yes

Tab. S1 Sources forming IBOST (continued)

Source	Publication	NODE
Margalef1955	Margalef, R., 1955. Publ. Inst. Biol. Apl. 21:173-177	Yes
Margalef1958a	Margalef, R., 1958. Publ. Inst. Biol. Apl. 28:5-47	Yes
Margalef1958b	Margalef, R., 1958. Miscelanea Zoologica 1:51-60	Yes
MargalefAndorra	Margalef, R., 1952. Monogr. Estación Estudios Pirenaicos, CSIC 69:1-107	Yes
MargalefAralar	Margalef, R., 1946. Estación de Estudios Pirenaicos, CSIC, Zaragoza 6-44	Yes
MargalefAranzazu	Margalef, R., 1952. Munibe 2.3:73-108	Yes
MargalefBohi	Margalef, R., 1956. Actes 2 congrès International d'études pyrénéennes 3:87-108	Yes
MargalefCatalunya	Margalef, R., 1946. Publ. Inst. Biol. Apl. 3:163-171	Yes
MargalefCerdanya	Margalef, R., 1948. Monogr. Estacion de Estudios Pirenaicos, CSIC 11	Yes
MargalefEivissa	Margalef, R., 1951. Publ. Inst. Biol. Apl. 8:5-70	Yes
MargalefMallorca	Margalef, R. 1953. Publ. Inst. Biol. Apl. 15:5-111	Yes
MargalefMancha	Margalef, R., 1947. Publ. Inst. Biol. Apl. 4:5-51.	Yes
MargalefMenorca	Margalef, R. 1952. Publ. Inst. Biol. Apl. 11:5-112	Yes
MargalefMontcortes	Margalef, R. 1950. Bol. Real Soc. Esp. Hist. Nat. 48:209-218	Yes
MargalefNE	Margalef, R., 1946. Publ. Inst. Biol. Apl. 2:35-47	Yes
MargalefNO	Margalef, R., 1955. Publ. Inst. Biol. Apl. 21: 137-171	Yes
MargalefPicos	Margalef, R., 1950. Publ. Inst. Biol. Apl. 7:37-76	Yes
MargalefSalobre	Margalef, R. 1950. Publ. Inst. Biol. Apl. 7:131-152	Yes
MargalefUrgell1	Margalef, R. 1948. Ilerda 5	Yes
MargalefUrgell2	Margalef, R. 1950. Ilerda 13:329-375	Yes
MargalefZamora	Margalef, R. 1956. Publ. Inst. Biol. Apl. 24:123-137	Yes
MarinMonegros	Marin, J.A. 1983. Tesis Doctoral, Universidad de Barcelona	Yes
MartensTrajancypr	Martens, K., 1989. Archiv für Hydrobiologie 83:227-251	Yes
MartensVillosa	Martens, K. & C. Meisch, 1985. Hydrobiologia 127:9-15	Yes
MartinArreo	Martín-Rubio, M., et al., 2005. Palaeogeogr. Palaeoclimat. Palaeoecol. 225:118-133	No

Tab. S1 Sources forming IBOST (continued)

Source	Publication	NODE
MartinezAnavieja	Martínez-García, B., et al., 2016. <i>Geogaceta</i> 59:55-58	No
MartinezBardenas	Martínez-García, B., et al., 2015. <i>Ameghiniana</i> 52:598-612	No
MartinezPalancia	Martínez-López, F., A. Pujante & V. Ribarrocha, 1996. <i>Ecología</i> 10:113-135	No
MartinezVillafafila	Martínez-García, B., et al., 2019. <i>Geogaceta</i> 66:75-78	No
MartinJoyel	Martin-Rubio, M., et al., 2006. <i>Geogaceta</i> 40:187-190	No
MartinVictoria	Martín-Rubio, M., et al. 2004. <i>Geogaceta</i> 36:155-158	No
MeischMacaronesia	Meisch, C., & N.W. Broodbakker, 1993. <i>Trav. Sci. Mus Hist. Nat. Luxemb.</i> 19:3-47	Yes
MeischTenerife	Meisch, C., et al., 1995. <i>Mitt. Hamb. Zool. Mus. Inst.</i> 92:81-293.	Yes
MesquitaBrook	Mezquita, F., et al., 2001. <i>Archiv für Hydrobiologie</i> 150:545-560	No
MesquitaCHX	Mezquita, F., et al., 1999. <i>Journal of Crustacean Biology</i> 19:344-354	No
MesquitaCuenca	Mezquita, F., et al. 1996. <i>Bull. Soc. Nat. Luxemb.</i> 97:239-247	Yes
MesquitaFabaeform	Sanz-Brau, A. & F. Mezquita, F. 1997. <i>Crustaceana</i> 70:504-507	Yes
MesquitaMagre	Mezquita, F., et al., 1999. <i>Palaeogeogr. Palaeoclimatol. Palaeoecol.</i> 148:87-103	No
MesquitaMahiques	Mezquita, F., et al., 2000. <i>Canadian Journal of Zoology</i> 78:840-847	No
MesquitaSpring	Mezquita, F., et al., 1999. <i>Palaeogeogr. Palaeoclimatol. Palaeoecol.</i> 148:65-85	No
Metacom	Unpublished data of project METACOM, 2018. F. Mesquita-Joanes	No
PardoAsturias	Pardo, L. 1926. <i>Boletín de la Sociedad Ibérica de Ciencias Naturales</i>	Yes
PardoGandia	Pardo, L. 1920. <i>Bol. Real. Soc. Esp. Hist. Nat.</i> 20	Yes
PardoValencia	Pardo, L. 1924. <i>Asoc. Esp. Progreso de las Ciencias. Congr. Salamanca</i>	Yes
ParisFabaeformisca	Paris, 1920. <i>Archives de zoologie générale et expérimentale</i> 58:475-487	Yes
PauloPortugal	Paulo, L.F. & M. Moutinho, 1983. <i>Publ. Inst. Zool. Dr Augusto Nobre.</i> 173	Yes
PedrocchiMonegros	Pedrocchi, C, 1998. <i>Instituto de Estudios Altoaragoneses</i>	No
PetkovskiLusatica	Petkovski, T., et al., 1993. <i>Trav. Sci. Mus. Nat. Luxemb.</i> 19:49-75	Yes
PoquetStream	Poquet, J. M. & F. Mesquita-Joanes, 2011. <i>Freshwater Biology</i> 56:448-469	No
PoquetWetland	Poquet, J. M., et al., 2008. <i>Aquat. Conserv.</i> 18:280-296	No

Tab. S1 Sources forming IBOST (continued)

Source	Publication	NODE
PretusBalears	Unpublished data of the Balearic Islands, 2005. J.Ll. Pretus F. Mesquita-Joanes	No
RieradevallBanyole	Rieradevall, M. & J.R. Roca, 1995. <i>Hydrobiologia</i> 310:189-196	Yes
RocaMancha	Roca, J. R., et al., 2000. <i>Marine and Freshwater Research</i> 51:311-319	No
RocaSpring	Roca, J.R. & A. Baltanás, 1993. <i>Journal of Crustacean Biology</i> 13:165-174	Yes
RuedaCabriel	Rueda, J., et al., 2005. <i>Sabuco</i> 5:23-87	No
RuedaMallades	Rueda, J., J.A. et al., 2006. <i>Bol. Asoc. Esp. Entomol.</i> 30:9-29	No
RuizDonana	Ruiz-Munoz, F., et al., 1996. <i>Aestuarina</i> 4:125-140	No
SabaterTordera	Sabater, F. 1983. <i>Actas del Primer Congreso Español de Limnología</i> 23-33	Yes
ScharfCanary	Scharf, B., & C. Meisch. 2014. <i>Bull. Soc. Nat. Luxemb.</i> 115:259-270	No
SchmitCaracuel	Schmit, O., et al., 2013. <i>Canadian Journal of Zoology</i> 91:660-671	No
SchmitEucypris	Schmit, O., et al., 2013. <i>Journal of Biogeography</i> 40:2396-2408	No
VallsMoros	Valls, L., et al., 2016. <i>Wetlands</i> 36:1-9	No
VallsRaco	Valls, L., et al., 2013. <i>Ann. Limnol. Int. J. Lim.</i> 49:237-247	No
VallZacares	Valls, L., et al., 2014. <i>Zoological Studies</i> 53:68	No
VelascoAsturias	Velasco, J. L. et al., 1999. <i>Bol. R. Soc. Esp. Hist. Nat. (Sec. Bio!)</i> 95:181-191.	No
WansardLake	Wansard, G., et al., 1998. <i>Chemical Geology</i> 146:39-54	No
ZamoraCanary	Unpublished data of Canary Islands, 2006. L. Zamora & F. Mesquita-Joanes	No
ZamoraMarina	Zamora, L., F. Mezquita & J. Rueda, 2005. <i>Informe Ajuntament de Benissa</i>	No

Checklist of Ibero-Balearic and Macaronesian non-marine ostracods

Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). o = living specimens found; () = only fossil remains.

Species	IB	BA	AZ	MA	CA	CV	Global distribution
Superfamily Darwinuloidea Brady & Norman, 1889							
Family Darwinulidae Brady & Norman, 1889							
<i>Darwinula stevensoni</i> (Brady & Robertson, 1870)	o	o					Cosmopolitan
<i>Vestalenula carveli</i> Artheau, 2007*	o						France and Spain
Superfamily Cypridoidea Baird, 1845							
Family Candonidae Kaufmann, 1900							
Subfamily Candoninae Kaufmann, 1900							
<i>Candona candida</i> (O.F. Müller, 1776)	o	o					Holarctic
<i>Neglecandona neglecta</i> (Sars, 1887)	o	o					Palaearctic
<i>Neglecandona lindneri</i> (Petkovski, 1969)	o						Europe
<i>Neglecandona meerfeldiana</i> (Scharf, 1983)*	o						Europe
<i>Neglecandona angulata</i> (G.W. Müller, 1900)	o						Palaearctic
<i>Fabaeformiscandona fabaeformis</i> (Fischer, 1851)	o						Holarctic
<i>Fabaeformiscandona subacuta</i> (Yang, 1982)*	o						Cosmopolitan
<i>Fabaeformiscandona brevicornis</i> (Klie, 1925)*	o						Europe
<i>Fabaeformiscandona wegelini</i> (Petkovski, 1962)*	()						Holarctic
<i>Fabaeformiscandona latens</i> (Klie, 1940)*	()						Europe
<i>Fabaeformiscandona breuili</i> (Paris, 1920)	o						Europe
<i>Fabaeformiscandona pyrenaica</i> (Margalef, 1952)	o						Pyrenean endemism
<i>Pseudocandona marchica</i> (Hartwig, 1899)	o						Palaearctic
<i>Pseudocandona rostrata</i> (Brady & Norman, 1889)	o						Palaearctic
<i>Pseudocandona eremita</i> (Vejdovsky, 1882)*	o						Europe, Asia Minor

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

Exotic species for the Iberian Peninsula and the Balearic Islands are typed in blue colour.

Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). (Continued)

Species	IB	BA	AZ	MA	CA	CV	Global distribution
<i>Pseudocandona pratensis</i> (Hartwig, 1901)	o						Europe
<i>Pseudocandona insculpta</i> (G.W. Müller, 1900)*	o						Europe
<i>Pseudocandona albicans</i> (Brady, 1864)	o	o			o		Holarctic
<i>Pseudocandona stagnalis</i> (Sars, 1890)			o				Holarctic
<i>Cryptocandona vavrai</i> Kaufmann, 1900	o						Europe
<i>Mixtacandona</i> cf. <i>botosaneanui</i> Danielopol, 1982*		o					Europe
<i>Candonopsis kingsleii</i> (Brady & Robertson, 1870)	o	o					Holarctic
<i>Candonopsis scourfieldi</i> Brady, 1910*	o	o			o		Europe
Subfamily Cyclocypridinae Kaufmann, 1900							
<i>Cypria ophthalmica</i> (Jurine, 1820)	o	o					Cosmopolitan
<i>Cypria subsalsa</i> (Redeke, 1936)*	()						Western Europe
<i>Cypria reptans</i> Bronshtein, 1928	o						Western Europe
<i>Cyclocypris laevis</i> (O.F. Müller, 1776)	o						Holarctic
<i>Cyclocypris ovum</i> (Jurine, 1820)	o		o				Holarctic
Family Ilyocyprididae Kaufmann, 1900							
<i>Ilyocypris gibba</i> (Ramdohr, 1808)	o	o			o		Cosmopolitan
<i>Ilyocypris biplicata</i> (Koch, 1838) var. <i>anomala</i> *	o						Paelearctic
<i>Ilyocypris monstifrica</i> (Norman, 1862)*	()						Paelearctic
<i>Ilyocypris decipiens</i> Masi, 1905	o						Paelearctic
<i>Ilyocypris bradyi</i> Sars, 1890	o	o			o		Holarctic
<i>Ilyocypris inermis</i> Kaufmann, 1900	o	o					Paelearctic
<i>Ilyocypris lacustris</i> Kaufmann, 1900*	o						Paelearctic
<i>Ilyocypris getica</i> Masi, 1906*	o						Europe
<i>Ilyocypris montana</i> Margalef, 1952	o						Pyrenean endemism

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

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Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). (Continued)

Species	IB	BA	AZ	MA	CA	CV	Global distribution
Family Notodromadidae Kaufmann, 1900							
<i>Notodromas monacha</i> (O.F.Müller, 1776)	o						Europe
<i>Notodromas persica</i> Gurney, 1921	o	o					CircumMediterranean
Family Cyprididae Baird, 1845							
Subfamily Cypridinae Baird, 1845							
<i>Cypris pubera</i> O.F. Müller, 1776	o				o		Europe
<i>Cypris bispinosa</i> Lucas, 1849	o	o	o		o		CircumMediterranean
<i>Cypris subglobosa</i> (Sowerby, 1840)	o						Africa, America, Asia
<i>Cypris pretusi</i> Mesquita-Joanes et al., 2020	o	o					Iberian Peninsula
Subfamily Eucypridinae Bronshtein, 1947							
<i>Eucypris virens</i> (Jurine, 1820)	o	o	o				Paelearctic
<i>Eucypris anglica</i> Fox, 1967*	o						Britain Mediterranean
<i>Eucypris pigra</i> (Fischer, 1851)	o						Europe
<i>Eucypris mareotica</i> (Fischer, 1855)	o	o					Iberian, North Africa
<i>Prionocypris zenkeri</i> (Chyzer & Toth, 1858)	o						Europe, Asia Minor
<i>Candelacypris aragonica</i> (Brehm & Margalef, 1948)	o						Iberian endemism
<i>Tonnacypris lutaria</i> (Koch, 1838)	o	o					Paelearctic
<i>Trajancypris serrata</i> (G.W. Müller, 1900)*	o						Holarctic
<i>Trajancypris clavata</i> (Baird, 1838)	o	o			o		Paelearctic
Subfamily Cypricercinae McKenzie, 1971							
<i>Bradleycypris obliqua</i> (Brady, 1868)	o	o	o	o	o		Europe, North America, Africa
<i>Bradleystrandesia fuscata</i> (Jurine, 1820)	o						Holarctic
<i>Bradleystrandesia reticulata</i> (Zaddach, 1844)	o						Europe

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

Exotic species for the Iberian Peninsula and the Balearic Islands are typed in blue colour.

Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). (Continued)

Species	IB	BA	AZ	MA	CA	CV	Global distribution
<i>Strandesia vavrai</i> (G.W. Müller, 1898)	o						Madagascar, Iran, Portugal
<i>Strandesia vinciguerrae</i> (Masi, 1905)	o					o	Africa Mediterranean
Family Herpetocypridinae Kaufmann, 1900							
<i>Herpetocypris brevicaudata</i> Kaufmann, 1900	o	o	o			o	Western palearctic
<i>Herpetocypris chevreuxi</i> (Sars, 1896)	o		o			o	Holarctic
<i>Herpetocypris helenae</i> G.W. Müller, 1908	o	o				o	Macaronesia, Iberia
<i>Herpetocypris intermedia</i> Kaufmann, 1900*	o	o					Europe
<i>Herpetocypris mateusorum</i> Paulo, 1969	o						Iberian endemism
<i>Candonocypris novaezelandiae</i> (Baird, 1843)*	o						Cosmopolitan
<i>Stenocyprina fischeri</i> (Lilljeborg, 1883)	o						Palearctic
<i>Stenocypris major</i> (Baird, 1859)	o						Tropical
<i>Stenocypris macedonica</i> Petkovski & Meisch, 1996*	o						Tropical
<i>Psychrodromus olivaceus</i> (Brady & Norman, 1889)	o						Europe, Asia Minor
<i>Psychrodromus betharrami</i> Danielopol & Baltanás, 1993	o						Western Europe mountains
Subfamily Cyprinotinae Bronshtein, 1947							
<i>Heterocypris incongruens</i> (Ramdohr, 1808)	o	o	o			o	Cosmopolitan
<i>Heterocypris rotundata</i> (Bronshtein, 1928)*	o						Palearctic
<i>Heterocypris barbara</i> (Gauthier & Brehm, 1928)	o	o					CircumMediterranean
<i>Heterocypris salina</i> (Brady, 1868)	o	o	o			o	Palearctic
<i>Heterocypris symmetrica</i> (G.W. Müller, 1898)						o	Africa
<i>Heterocypris exigua</i> Gauthier & Brehm, 1928	o						North Africa, Iberia
<i>Heterocypris gevgelica</i> Petkowski et al., 2000*	o						Balkans, Iberia
<i>Heterocypris bosniaca</i> (Petkowski et al., 2000)*	o	o					Balkans, Iberia

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

Exotic species for the Iberian Peninsula and the Balearic Islands are typed in blue colour.

Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). (Continued)

Species	IB	BA	AZ	MA	CA	CV	Global distribution
<i>Heterocypris reptans</i> (Kaufmann, 1900)*	o						Europe, North Africa
<i>Hemicypris barbadensis</i> Broodbakker 1983*	o						Cosmopolitan
Subfamily Dolerocypridinae Triebel, 1961							
<i>Dolerocypris fasciata</i> (O.F. Müller, 1776)	o						Holarctic
<i>Dolerocypris sinensis</i> (Sars, 1903)	o						Palaearctic
Subfamily Isocypridinae Hartmann & Puri, 1974							
<i>Isocypris beauchampi</i> (Paris, 1920)	o						Western Europe
Subfamily Cyprettinae Hartmann, 1971							
<i>Cypretta seurati</i> (Gauthier, 1929)	o				o	o	Tropical
Subfamily Cypridopsinae Kaufmann, 1900							
<i>Cypridopsis vidua</i> (O.F. Müller, 1776)	o	o	o		o		Cosmopolitan
<i>Cypridopsis concolor</i> Daday, 1900*	o	o					CircumMediterranean
<i>Cypridopsis hartwigi</i> (G.W. Müller, 1900)	o	o					Palaearctic
<i>Cypridopsis elongata</i> (Kaufmann, 1900)	o						Europe, North Africa
<i>Cypridopsis lusatica</i> Schafer, 1943	o	o	o	o	o		CircumMediterranean
<i>Plesiocypridopsis newtoni</i> (Brady & Robertson, 1870)	o	o			o		Palaearctic
<i>Sarscypridopsis aculeata</i> (Costa, 1847)	o	o	o		o		Cosmopolita
<i>Sarscypridopsis lanzarotensis</i> (Mallwitz, 1984)	o	o			o		Macaronesia, Iberia
<i>Potamocypris fulva</i> (Brady, 1868)*	o				o		Europe
<i>Potamocypris pallida</i> Alm, 1914*	o			o	o		Europe
<i>Potamocypris zschokkei</i> (Kaufmann, 1900)	o						Europe
<i>Potamocypris similis</i> G.W. Müller, 1912*	o						Europe
<i>Potamocypris variegata</i> (Brady & Norman, 1889)	o						Holarctic

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

Exotic species for the Iberian Peninsula and the Balearic Islands are typed in blue colour.

Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). (Continued)

Species	IB	BA	AZ	MA	CA	CV	Global distribution
<i>Potamocypris unicaudata</i> Schafer, 1943	o						Holarctic
<i>Potamocypris smaragdina</i> (Vavra, 1891)	o						Holarctic
<i>Potamocypris steueri</i> Klie, 1935	o	o					CircumMediterranean
<i>Potamocypris mastigophora</i> (Methuen, 1910)	()				o		African
<i>Potamocypris villosa</i> (Jurine, 1820)	o		o		o		Cosmopolitan
<i>Potamocypris arcuata</i> (Sars, 1903)	o	o	o		o		Palaearctic
Superfamily Cytheroidea Baird, 1850							
Family Limnocytheridae Klie, 1938							
<i>Limnocythere inopinata</i> (Baird, 1843)	o				o		Holarctic
<i>Limnocythere stationis</i> Vávra, 1891*	()						Europe
<i>Paralimnocythere messanai</i> Martens, 1992	o						Italy and Spain
<i>Paralimnocythere psammophila</i> (Flössner, 1965)	o						Europe
<i>Leucocythere mirabilis</i> Kaufmann, 1892*	o						Palaearctic
Family Cytherideidae Sars, 1925							
<i>Cyprideis torosa</i> (Jones, 1850)	o	o			o		Palaearctic and Africa
Family Loxoconchidae Sars, 1925							
<i>Loxoconcha elliptica</i> Brady, 1868	o	o					Mediterr., N Atlantic
<i>Loxoconcha rhomboidea</i> (Fischer, 1855)*	()						Atlantic, Caspian, Mediterranean, Indian
<i>Hirschmannia viridis</i> (O.F. Müller, 1785)*	o						Atlantic Europe
Family Leptocytheridae Hanai, 1957							
<i>Leptocythere porcellanea</i> (Brady, 1869)	o						Atlantic Europe
<i>Leptocythere castanea</i> (Sars, 1866)*	o						North Atlantic
Family Paradoxostomatidae Brady & Norman, 1889							
<i>Cytherois fischeri</i> (Sars, 1865)*	o						Mediterr., Atlantic Eu

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

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Tab. S2 Species of non-marine ostracods in the Iberian Peninsula (IB), Balearic Islands (BA), Azores (AZ), Madeira (MA), Canary Islands (CA) and Cape Verde (CV). (Continued)

Species	IB	BA	AZ	MA	CA	CV	Global distribution
Family Xestoleberididae Sars, 1866							
<i>Xestoleberis nitida</i> (Liljeborg, 1853)*	o	o					Atlantic Europe
Family Entocytheridae Hoff, 1942							
<i>Ankylocythere sinuosa</i> (Rioja, 1942)*	o						North America, <i>Procambarus clarkii</i> symbiont
<i>Uncinocythere occidentalis</i> (Kozloff and Whitman, 1954)*	o						North America, <i>Pacifastacus</i> <i>leniusculus</i> symbiont

* Species not included in Meisch and Broodbakker (1993), Baltanás et al., (1996) and Scharf and Meisch (2014).

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