

Notes on the Donaciines (Coleoptera Chrysomelidae Donaciinae) (24-74)

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Summary

This note presents faunistical data regarding the donaciines (Coleoptera Chrysomelidae Donaciinae) of the Donaciini tribe and additional material on Haemoniini and Plateumarini preserved in the General Collection of the Royal Belgian Institute of Natural Sciences, in Brussels. This collection includes the following taxa, from the Afrotropical, Indomalayan, Nearctic and Palaearctic regions : *Donacia antiqua* KUNZE, *D. apricans* LACORDAIRE, *D. aquatica* (L.), *D. bactriana* WEISE, *D. bicolor* ZSCHACH, *D. brevicornis* AHRENS, *D. caerulea* OLIVIER, *D. cincticornis* NEWMAN, *D. confluenta* SAY, *D. crassipes* FABRICIUS, *D. delesserti* GUÉRIN-MÉNEVILLE, *D. dentata* HOPPE, *D. fennica* PAYKULL, *D. frontalis* JACOBY, *D. hirticollis* KIRBY, *D. impressa* PAYKULL, *D. javana* WIEDEMANN, *D. magnifica* LECONTE, *D. malinowskyi* AHRENS (and var. *arundinis* AHRENS) (Spain fauna nov.), *D. marginata* HOPPE, *D. obscura* GYLLENHAL, *D. palmata* OLIVIER, *D. piscatrix* LACORDAIRE, *D. provosti* FAIRMAIRE, *D. proxima* KIRBY, *D. semenovi* JACOBSON, *D. semicuprea* PANZER, *D. simplex* FABRICIUS, *D. splendens hiurai* KIMOTO, *D. sparganii gracilipes* JACOBY, *D. sparganii sparganii* AHRENS, *D. subtilis* KUNZE, *D. texana* CROTCH, *D. thalassina* GERMAR, *D. tuberculifrons* SCHAEFFER, *D. versicoloreae* BRAHM, *D. vulgaris* ZSCHACH, 2 *D. sp.*, *Donaciasta garambana* JOLIVET, *D. monrosi* JOLIVET, *Donaciella cinerea* (HERBST), *D. clavipes* (FABRICIUS), *D. tomentosa* (AHRENS), *Macrolea appendiculata* (PANZER), *M. mutica* (FABRICIUS), *Plateumaris consimilis* (SCHRANK), *P. rustica* (PANZER) (taxa affinis PANZER and *rustica* P.), *P. sericea* (LINNAEUS), *Sominella reticulata* (GYLLENHAL). One provides also some data on the *Donaciasta* material preserved in the Royal Museum of Central Africa, Tervuren, Belgium : *D. garambana* JOLIVET, *D. luridiventris* LACORDAIRE, *D. monrosi* JOLIVET, *D. perrieri* FAIRMAIRE and *D. quioca* MONRÓS.

Keywords : Chrysomelidae, Donaciinae, *Donacia*, *Donaciasta*, *Donaciella*, *Macrolea*, *Plateumaris*, *Sominella*, Faunistics, Afrotropical, Indomalayan, Nearctic and Palaearctic regions.

Résumé

Cette note présente des données faunistiques relatives aux donacies (Coleoptera Chrysomelidae Donaciinae) de la tribu des Donaciini ainsi que des données additionnelles sur les Haemoniini et les Plateumarini conservées dans la Collection générale de l'Institut royal des Sciences naturelles de Belgique, à Bruxelles. La collection inclut les taxons suivants, des régions afrotropicale, indomalaise, néarctique et paléarctique : *Donacia antiqua* KUNZE, *D. apricans* LACORDAIRE, *D. aquatica* (L.), *D. bactriana* WEISE, *D. bicolor* ZSCHACH, *D. brevicornis* AHRENS, *D. caerulea* OLIVIER, *D. cincticornis* NEWMAN, *D. confluenta* SAY, *D. crassipes* FABRICIUS, *D. delesserti* GUÉRIN-MÉNEVILLE, *D. dentata* HOPPE, *D. fennica* PAYKULL, *D. frontalis* JACOBY, *D. hirticollis* KIRBY, *D. impressa* PAYKULL, *D. javana* WIEDEMANN, *D. magnifica* LECONTE, *D. malinowskyi* AHRENS (et la var. *arundinis* AHRENS) (Spain fauna nov.), *D. marginata* HOPPE, *D. obscura* GYLLENHAL, *D. palmata* OLIVIER, *D. piscatrix* LACORDAIRE, *D. provosti* FAIRMAIRE, *D. proxima* KIRBY, *D. semenovi* JACOBSON, *D. semicuprea* PANZER, *D. simplex* FABRICIUS, *D. splendens hiurai* KIMOTO, *D. sparganii gracilipes* JACOBY, *D. sparganii sparganii* AHRENS, *D. subtilis* KUNZE, *D. texana* CROTCH, *D. thalassina* GERMAR, *D. tuberculifrons* SCHAEFFER, *D. versicoloreae* BRAHM, *D. vulgaris* ZSCHACH, 2 *D. (Donaciomima) sp.*, *Donaciasta garambana* JOLIVET, *D. monrosi* JOLIVET, *Donaciella cinerea* (HERBST), *D. clavipes* (FABRICIUS), *D. tomentosa* (AHRENS), *Macrolea appendiculata* (PANZER), *M. mutica* (FABRICIUS), *Plateumaris consimilis* (SCHRANK), *P. rustica* (PANZER) (taxa affinis PANZER et *rustica* P.), *P. sericea* (LINNÉ), *Sominella reticulata* (GYLLENHAL). On donne également quelques données sur les *Donaciasta*

conservées au Musée royal de l'Afrique centrale, Tervuren, Belgique : *D. garambana* JOLIVET, *D. luridiventris* LACORDAIRE, *D. monrosi* JOLIVET, *D. perrieri* FAIRMAIRE et *D. quioca* MONRÓS.

This third note is a continuation of two preceding articles (LAYS, 2002a, 2002b) and provides faunistic data concerning the donaciines preserved in the General Collection of the Royal Belgian Institute of Natural Sciences, in Brussels. All the material concerning the Donaciini tribe are dealt with here, plus additional items of data dealing with the Haemoniini and the Plateumarini.

Data are presented as follows : **Country** : Department / Province / State (or similar subdivisions) : number of specimens and sex, date, name(-s) of collector(-s), information (name of the Collection). Quite often, the name of the Department/Province, etc. does not appear on the label, in that case they are provided here by the author. The problem of localization of places was quite recurrent for localities in France. In the collection of A. FAUVEL, some specimens bear several labels of origin : according to Mr. Marcel CLUDTS (technician in Brussels' Museum) that means that the first locality given is where the specimen has been captured, other localities refer to place where the species was also observed but without captures of specimens (this is also true for the material of the same collection already published by LAYS, 2002b)

In the list of the host plants, some are probably just adventitious, some could be real food plants but need confirmation, some are known to feed larvae and/or adults, in the latter case, the name of the plant is underlined. Some specimens bear a label "Type", the validity of these specimens as type is not discussed here.

Abbreviations and signs used in the faunistic data : « » : hardly decipherable name; [] : data given by the author, or toponym as it appears on the label; n.d. : no date; n.l. : no locality; collections : CHAPUIS F. : (1); DAILLÉ L. : (2); DAVID R.P. (Coll. Pères Jésuites, LE MOULT vendit.) : (10); DE MOFFARTS P. : (9); DONGÉ E. : (3); FAUVEL A. : (4); LE MOULT E. : (5); MALLET P.M. / JOLIVET P. : (6); PANDELLÉ L. : (7); SIRGUEY P. : (8).

Data

24. *Donacia (Donaciomima) antiqua* KUNZE, 1818

Finland : Fenn.[-ica] or.[-ientalia] : 1♀, n.l., n.d., J. Sahlb.[-er]g (4).

Distribution : Alps, Austria, Belarus, Belgium, ex-Czechoslovakia, Estonia, Finland, France, Germany (Brandenburg, Baden, Württemberg, Bayern), Italy (North), Lithuania, Norway, Poland, Russian Federation (Taïga), Sweden, ex-Yugoslavia.

Host plants : *Carex* sp.

25. *Donacia (Donaciomima) apricans* LACORDAIRE, 1845

Sicily [Sicile] : 2♂♂, n.l., n.d. (1) (bears a label "Type").

Distribution : Algeria (North), Morocco (North), Sicily. Site in Turkey not confirmed.

Host plants : unknown.

26. *Donacia (Donaciomima) aquatica* (LINNAEUS, 1758)

Czech Republic [Tchécoslovaquie] : Bohême Or.[ientale] : Pribislav : 10♂♂ - 4♀♀, 26.V.1948, J. Bechyné (including 4 ex. in 6); Moravie occ.[identale] : Bohkalov : 6♂♂ - 4♀♀, 27.V.1948, J. Bechyné (6). **France** : Aube : Troyes : 2♂♂ - 1♀, n.d., M. LeBrun; Bas-Rhin : Strasbourg : 1♂, n.d. (8); Calvados : Caen : 1♀, n.d. (4); Cinglais (forêt de), étangs 4 : 1♂, n.d. (4); Falaise : 1♂, n.d. (4); Côte-d'Or : Moloy : 1♀, -.V.1934 (2 in 6); Gironde : Bordeaux : 1♀, n.d., Loiret (4); Hautes-Pyrénées : Maubourguet : 1♂ - 4♀♀, n.d. (7); Hauts-de-Seine : Meudon : 1♀, -.VI.1910 (4); Indre-et-Loire : Tours : 1♂ - 1♀, -.V.-., n.d. (8); Tours (environ de) : 1♂ - 1♀, -.V.-., (8); Jura : Boujailles : 1♂, 3.VI.1933 (2 in 6); Loiret : Montargis : 1♂ - 2♀♀, n.d., F. Taupin (6); Pyrénées-Atlantiques : Val d'Aran : 1♂ - 1♀, n.d. (6); 1♂, 18.VIII.1912, F. Léon-Hilaire (6); Seine-et-Marne : Fontainebleau : 1♂, n.d. (6); Yonne : Sens : 1♂ - 1♀, n.d. (5); Tonnerre : 33♂♂ - 34♀♀, n.d. (5); Vincennes : 1♂ - 1♀, n.d. (5); Yvelines : Chaville : 1♀, n.d. (6); undetermined French Department : Digne [1] : 1♀, n.d. (4); unknown French locality : 3♂♂ - 3♀♀, n.d. (10); Provence [Southern France] : 1♂ - 3♀♀, n.d. (10). **Italy** : Modène : 4♂♂ - 4♀♀, n.l., n.d. (6). **Lithuania** : Wilna : 1♂, n.d., Wankowicz. **Netherlands [Hollande]** : 12♂♂ - 16♀♀, n.l., n.d. (10). **Unknown origin** : 1♀, n.d. (9); 1♂ - 1♀, n.d. (4); 1♂, n.d. (1); 1♂ - 1♀, n.d., Dr A. Breyer; 4 ex., n.d. (Coll. Camille Van Volxem); 2 ex., n.d. (but prior to 1885).

Note : [1] : there are « La Digne d'Amont » and « La Digne d'Aval » in Aude; and « Digne-

les-Bains » in Alpes-de-Haute-Provence.

Distribution : Europe : Alps, Balkans, Belarus, Belgium, Central Europe, Germany, Grand Duchy of Luxemburg, Ireland, Italy, Netherlands, Norway, Poland, Spain, Sweden (North), United Kingdom. Elsewhere : China (North), Mongolia (North), Russian Federation (including Primorskiy, Siberia, Sakhalin). Has been wrongly reported from Japan.

Host plants : *Caltha palustris* L., *Carex* spp. (adults / *C. acutiformis* EHRH., *C. elata* ALL. [inflorescence], *C. goodenowii* GAY, *C. gracilis* CURTIS, *C. vesicaria* L.,), *Glyceria maxima* (HARTM.) HOLMBERG, *Ranunculus lingua* L., *Scirpus lacustris* L. (larvae / roots), *Sparganium emersum* REHM., *S. erectum* L. (larvae / roots), *Typha latifolia* L. (larvae / roots).

27. *Donacia (Donaciomima) bactriana* WEISE, 1887

Kazakhstan : Syr-Daria : Aulie-Ata (Turkestan) : 1♂ - 1♀, n.d., G. Sumakow; 1♂ - 1♀, n.d., G. Aris. Russian Federation : Doi. r. Maiasa Oriovtcha [1] : 1♂, 12.VI.1907, G. Sumakow; Tachket [1] : 1♂, 19.VI.1907, G. Sumakow.

Note : [1] : translated from Cyrillic manuscript by the author.

Distribution : Kazakhstan, Kirgizstan, Russian Federation, Tadzhikistan, Uzbekistan.

Host plants : *Butomus*.

28. *Donacia (Donaciomima) bicolor* ZSCHACH, 1788

Czech Republic [Tchécoslovaquie] : Prague (environs) [Praha] : 76 ex., 16.V.1948, J. Bechyné (including 4 ex. in 6); Bohême or.[ientale] : Pribislav : 88 ex., 26.V.1948, J. Bechyné (including 2 ex. in 6); Moravie occ.[-identale] : Bohkalov : 1♂ - 2♀♀, 27.V.1948, J. Bechyné. France : 1♀, n.l., n.d. (Coll. Schramm in 5); Calvados : Falaise : 1♀, n.d. (4); Côte-d'Or : Saint-Jean-de-Losne : 1♂ - 5♀, n.d. (n°2338) (6); Eure : Pont-Audemer : 2♂♂, n.d. (5); Gironde : Caen : 1♂, n.d. (4); Haute-Marne : Chassigny : 1♂ - 2♀♀, n.d. (5); Rolampont : 2♀♀, n.d. (5); 3♀♀, n.d. (3); Hautes-Pyrénées : Maubourguet : 1♂, n.d. (n°224) (7); Tarbes : 1♀, n.d. (7); Saumur, Lambert; 1♂ - 1♀, n.d. (7); Paris, Fairmaire; 1♂, n.d. (7); Hauts-de-Seine : Meudon : 1♀, 15.V.1881, F. Lombart (5); Meudon, [Étang de] Trivaux : 3♀♀, -.VI.1881 (5); 5♂♂ - 4♀♀, n.d. (3); Jura : Boujeailles : 1♀, 3.VI.1933 (2 in 6); Landes : Dax : 3♂♂ - 6♀♀, n.d. (10); Montfort[-en-

Chalosse] : 1♂, n.d. (5); 3♀♀, n.d. (3); Loiret : Montargis : 2♂♂ - 2♀♀, n.d., F. Taupin (6); Manche : Bouillon : 3♂♂, n.d. (5); 3♀♀, n.d. (3); Jullouville : 3♀♀, n.d. (3); Mortain : 4♂♂ - 1♀, n.d., R. Delaunay (6); Seine-et-Marne : Émerainville : 1♂, n.d. (5); Nemours : 4♂♂, n.d. (6); Val-de-Marne : Vitry[-sur-Seine] : 1♀, 3.VI.1900 (5); Vosges : 6♂♂ - 5♀♀, -.VI.1917, guerre 1917, tranchées (8); Yonne : Vincelottes : 13♂♂ - 12♀♀, n.d. (5); Yvelines : Chaville : 1♂ - 2♀♀, -.VI.1889, Colin-Porche (5); 1♂ - 1♀, n.d. (5); 1♂ - 2♀♀, n.d. (3); Chaville, Ét[an]g Vert : 1♂ - 2♀♀, n.d. (5); 1♂ - 2♀♀, -.VI.1877 (5); Rueil[-Malmaison], [Étang de] Saint-Cucufa : 1♀, -.V.1917 (5); French specimens with several labels of origin : 1♂, n.d. (4) : Calvados : Bures, la Dives // f.[orêt] de Cinglais, étangs // Aisne : Dercy ; 1♀, n.d. (4) : Orne : Champvout [2] // Calvados : Caen; 1♀, n.d. (4) : Calvados : Saint-Julien-sur-Calonne // Caen // Seine-Maritime : Trouville; undetermined French Department : Allier [3] : 1♂, n.d. (5); Chaumes [1] : 2♂♂ - 1♀, 28.V.1876, H. Miot; pré Gaiffon : 1♂, 20.IV.1893, LeBlanc (5); Midi [Southern France] : 1♀, n.d. (10). Germany : Berlin (Umgebung) : 1♀, n.d., Jul. Arendt (5); Thüringen : Fri[e]drichroda : 2♀♀, -.VI.1880, A. de Borre. Portugal : 2♂♂, n.l., n.d., de Oliveira. Switzerland : Genève (environ de) : 1♂, -.VII-VIII.1874, H. Tournier. Undetermined origin : Boutan [or : Boutaul ?] : 2♀♀, n.d. (5); « eMul. » : 3♂♂ - 2♀♀, n.d. (10). Unknown origin : 2♂♂ - 1♀, n.d. (1); 4 ex, n.d. (but prior to 1885).

To these data one has also to add the specimen recorded from the Red Sea region published in LAYS (2002a).

Notes : [1] : there is a such locality in Côte-d'Or and an other one in Indre-et-Loire; [2] : a locality of that name is also reported in the Department of Nièvre; [3] : Allier is the name of a Department as well as a locality in Hautes-Pyrénées, but it probably refers to the former.

Distribution : Europe : Alps, Balkans, Belarus, Belgium, Bulgaria, Caucasus, Central Europe, Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Italy (ssp. *meridionalis* WEISE, 1916), Ireland, Netherlands, Norway, Poland, Portugal, Sicily (ssp. *meridionalis* WEISE, 1916), Spain, Sweden (South), Switzerland, United Kingdom. Elsewhere : Iran (North), Israel, Kazakhstan, Red Sea region, Russian Federation (West Siberia), Turkey (East), Uzbekistan.

Host plants : *Carex* spp. (*C. lasiocarpa* E., *C. rostrata* ST.), *Glyceria maxima* (HARTM.)

HOLMBERG, *Phragmites* spp., *Sagittaria* spp., *Scirpus* spp. (*lacustris* L. : cocoons / roots), *Sparganium erectum* L. (imagoes / leaves; subsp. *erectum* (larvae / roots) and subsp. *neglectum* (BEEBY) K. RICHT), *Typha* spp.

29. *Donacia* (*Donaciomima*) *brevicornis* AHRENS, 1810

Austria [Autriche] : 1♀, n.l., n.d. (4). Czech Republic : Prague (environs) : 78♂♂ - 38♀♀, 16.V.1948, J. Bechyně [1]. Finland : Fenn.[ica] or.[-ientala] : 1♂, n.l., n.d., J. Sahlb.[-er]g (4). France : Essonne : Bouray[-sur-Juine] : 2♂♂, -.V.1895 (3); Hérault : Béziers : 3♂♂ - 1♀, n.d. (5); Loir-et-Cher : Chémery : 2♀♀, -.VI.1883, Delugin; Chémery, étang de l'arche : 1♀, n.d., / *Typha* (4); Loire : Lizerieux : 1♂, n.d., G. Audras (8). Unknown origin : 1♂, n.d. (4); 1♀, n.d. (but prior to 1885); 1♀, n.d. (7).

To these data one has to add the specimen from the Red Sea region already published by LAYS (2002a)

Note : [1] : in these 116 specimens, 112 were identified by V. TOMOV, in 1983, as *D. impressa*, they belong in fact to *D. brevicornis*.

Distribution : in Europe : Alps, Belarus, Belgium, France, Germany, Italy, Netherlands, Poland, Scandinavia (South and Southeast) and Central Europe. Elsewhere : Algeria, Kazakhstan, Red Sea region, Russian Federation (Taïga). Lacks in : Balkans, Spain, United Kingdom.

Host plants : *Carex* spp., *Eriophorum* spp., *Glyceria maxima* (HARTM.) HOLMBERG, *Scirpus lacustris* L.

30. *Donacia* (*Donaciomima*) *caerulea* OLIVIER, 1795

North America [Amérique boréale] : 1♀, n.l., n.d.; 1♀, n.l., n.d., with manuscr. labels « *confusa* Lac. » and « Type » (1). Canada : Ontario : Ottawa : 1♂, -.VII.1948, R. de Ruelle. U.S.A. : 1♀, n.l., n.d.; Illinois : 2♂♂, n.l., n.d. (1). Unknown origin : 5♂♂, n.l., n.d. (1).

Note : see nomenclatural treatments by ASKEVOLD (1987b).

Distribution : Canada, U.S.A. (see ASKEVOLD, 1987b and MARX, 1957)

Host plants: *Acorus calamus* L., *Dulichium*, *Peltandra*, *Pontederia cordata* L., yellow water lily. *Sagittaria latifolia* WILLDENOW, *S. ariafolia* NUTTALL, *S. rigida*.

31. *Donacia* (*Donacia*) *cincticornis* NEWMAN, 1838

North America [Amérique boréale] : 3♀♀, n.l., n.d. (1). Canada : Québec : Rigaud : 2♀♀, 09.VIII.1926, J. Ouellet; Saguenay [River] : 1♀, n.d. . U.S.A. : 1♂, n.l., n.d. (1). Unknown origin : 2♂♂ - 1♀, n.l., n.d. (1).

Distribution : Canada (South-East), U.S.A. (East), Mexico (East), Guatemala, Cuba (see MARX, 1957 for details).

Host plants : *Brasenia schreberi* GMELIN, *Nuphar advena* AITON, *Nymphaea flava* LEITNER, *Nymphaea odorata* AITON, *Nymphoides cordatum* (ELLIOT) FERNALD, *Potamogeton alpinus* BALBIS, *P. amplifolius* TUCKERMAN, *P. gramineus* L., *P. natans* L., *P. richardsonii* (BENNETT) RYDBERG.

32. *Donacia* (*Donaciomima*) *confluenta* SAY, 1827

Canada : 1♀, n.l., n.d. (but prior to 1885) (Coll. L. Burgeon). North America [Amérique boréale] : 1♂, n.l., n.d. (but prior to 1885). U.S.A. : New York : 1♀, n.d. (1); Canandaigua [Lake] : 1♀, n.d. (1); Rochester : 7♂♂ - 8♀♀, n.d., De Kempeneer. Unknown origin : 1♂, n.l., n.d.

Aedeagus of males (including endophallus) were examined. In the present data, the specific identity of females could require confirmation : ASKEVOLD (1987a) states that females of *subtilis* can not be distinguished from those of *confluenta* (see remarks on *subtilis* under).

Distribution : Canada, U.S.A. (see ASKEVOLD, 1987a for details).

Host plants : *Sparganium* sp. (*chlorocarpum* RYDB.)

33. *Donacia* (*Donacia*) *crassipes* FABRICIUS, 1775

Austria : 1♀, n.l., n.d. (4). France : 1♂ - 1♀, n.l., n.d.; 1♂ - 1♀, n.l., n.d. (10); Aisne : Montgobert (Étang de) : 21♂♂ - 15♀♀, 23.VIII.1943 (6); Cher : Bourges : 1♂, n.d., H. DuBuysson (5); Côte-d'Or : Dijon : 1♂ - 3♀♀, n.d., Tarnier (7); Saint-Jean-de-Losne : 1♀, n.d. (6); Eure : Romilly-sous-Andelle : 1♂, n.d., / *nénuphar* (n°778) (4); Essonne : Lardy : 2♀♀, n.d. (6); Montgeron : 1♂ - 3♀♀, 16.VII.1869 (4); 1♀, 16.VII.1869 (5); Montgeron, forêt de Sénart : 3♀♀, n.d. (5); 3♂♂, n.d. (3); Gironde : Gajac : 1♂, 8.IX.1907, / *Nuphar l.[utea]* (5); 1♀, 7.VI.1908 (5); 1♀, 19.VII.1907 (5); 1♂, 28.VI.1908 (5); Saint-Médard-d'Eyrans : 1♂, 27.VIII.1907, / *Nuphar* (5); Haute-Marne : Rolampont : 3♂♂, --

.VII.1902 (3); 3♀♀, n.d. (3); Landes : Monfort[-en-Chalosse] : 1♀, n.d. (5); Loir-et-Cher : Blois : 1♂, n.d. (4); Maine-et-Loire : Candé : 2♂♂ - 2♀♀, n.d. (10); Pyrénées-Orientales : Toulouse : 3♂♂ - 1♀, n.d., P. Sirguey (8); Sarthe : Le Mans : 1♂ - 2♀♀, n.d. (6); Val-de-Marne : Charenton[-le-Pont] : 1♂ - 2♀♀, 23.VII.1896 (3); Charenton[-le-Pont], bois de Vincennes : 1♂ - 2♀♀, 12.VII.1902 (5); 3♀♀, 12.VII.1902 (3); 2♂♂ - 4♀♀, n.d. (3); 2♂♂ - 1♀, -.VI.1903 (5); 2♂♂ - 1♀, -.VI.1903 (3); 2♂♂ - 1♀, n.d. (5); Bois de Vincennes : 1♂ - 2♀♀, n.d. (3); Nogent-sur-Marne, bord de la Marne : 1♀, n.d., Fleutiaux (8); Yonne : Tonnerre : 36♂♂ - 35♀♀, n.d. (5); undetermined French Department : Allier [2] : 1♀, n.d. (5); Saint-Germain [1] : 1♂, n.d. (5). **Grand Duchy of Luxemburg** : Mondorf [-les-Bains] : 2♂♂ - 2♀♀, n.d. (9). **Italy** : Toscana : 1♀, n.d. (1). **Netherlands [Hollande]** : 2♂♂ - 2♀♀, n.l., n.d. (10). **Poland** : Jaroslaw : 1♂, n.d. (5). **Undetermined origin** : « S. piur » : 1♀, n.d. **Unknown origin** : 2 ex., n.d., Roelofs; 3 ex., n.d. (1); 1♂, n.d. (4); 1♂ [3], n.d. (1).

Notes : [1] : there are several localities named Saint-Germain in different Departments, it could refer to the one in Yvelines, but that needs confirmation; [2] : Allier is the name of a Department as well as the name of a locality in the Hautes-Pyrénées, but it probably refers to the former; [3] : was identified as *D. congener* LECONTE, a Nearctic species; posterior femurs are a little bit longer than usual, transversally, elytra are curved (normally they are flat); eadeagus is similar to *crassipes*'.

Distribution : Europe : Alps, Austria, Balkans, Belarus, Belgium, Bulgaria, Caucasus, Denmark, Central Europe, Finland, France, Germany, Grand Duchy of Luxemburg, Ireland, Italy, Netherlands, Norway, Poland, United Kingdom, Sweden, Spain. Elsewhere : Kazakhstan, Russian Federation (Siberia, West of Lake Baïkal).

Host plants : *Nymphaea alba* L. (imagoes / leaves) , *Nuphar lutea* (L.) SMITH. (imagoes / leaves).

34. *Donacia (Cyphogaster) delesserti* GUÉRIN-MÉNEVILLE, 1844

India (South) : Karrital Territory : Kurumbagaram : 12♂♂ - 13♀♀, -.III.1951, P. Susai Nathan; *idem* : 1♀, -.II.1952, P. Susai Nathan; *idem* : 8♂♂ - 8♀♀, -.IV.1952, P. Susai Nathan. **Sri Lanka [Ceylon]** : 1♂, n.l., n.d. (but prior to 1885). **Unknown origin** : 1♂, n.d. (1).

Note : this species could be synonym of *D.*

javana W. (cf. LAYS, 2000)

Distribution : Bangladesh, India, Thailand, Sri Lanka. (Java ?, reported by BOROWIEC, 1984)

Host plant : *Nelumbo nucifera* GAERTN.

35. *Donacia (Donaciomima) dentata* HOPPE, 1795

Austria : 1♂, n.l., n.d. (6) [1]. **France** : Aube : Troyes : 1♂ - 3♀♀, n.d., M. LeBrun; Calvados : Bures, / la Dives : 1♀, n.d. (4); Essonne : Montgeron : 6♂♂ - 8♀♀, n.d. (3); 3♂♂ - 3♀♀, n.d. (5); Gironde : Gajac : 1♀, 19.VII.1907, / sagittaire (5); 3♂♂ - 1♀, 11.VIII.1907, / sagittaire (5); 2♂♂ - 1♀, 28.VI.1908, / sagittaire (5); 3♂♂, 26.VII.1908 (5); Jura : Ecoffet : 1♂ - 1♀, n.d. (7); Landes : Monfort[-en-Chalosse] : 2♂♂, n.d. (5); Loir-et-Cher : Blois : 1♀, n.d. (4); Paris : 1♂, n.d. (1); Somme : Amiens : 1♂ - 1♀, n.d. (3); Val-de-Marne : Nogent-sur-Marne, bords de la Marne : 1♂ - 1♀, n.d., Fleutiaux (8); Villeneuve-Saint-Georges : 3♀♀, n.d. (5); Yonne : Sens : 3♂♂ - 2♀♀, n.d. (5); Tonnerre : 6♂♂ - 13♀♀, n.d. (5); Yvelines : Chaville, étang des Écrevisses : 3♀♀, n.d. (5); 6♂♂ - 3♀♀, n.d. (3); French specimens with several labels of origin : 1♀, n.d. (4); Calvados : Falaise // Seine-Maritime : Rouen; undetermined French Department : Béthune [2] : 2♂♂, n.d. (10). **Italy** : Lombardie : 2♂♂, n.d. (3) [1]; Pisa : 2♂♂ - 4♀♀, n.d. (5) [1]; Toscana : 1♂, n.d., Pirazz (5) [1]. **Russian Federation** : Jaroslaw : 1♂, n.d., Kokouyev; 1♂ - 2♀♀, n.d. **United Kingdom [Iles Britanniques]** : 2♂♂, n.l., n.d., Th. Blackburn. **Undetermined origin** : Eur[ope] : 1♀, n.l., n.d.(1). **Unknown origin** : 2 ex., n.d. (Coll. F. Reiber); 3 ex., n.d. (1); 3 ex., n.d. (but prior to 1885); 2♂♂, n.d. (7); 1♀, n.d. (8); 1♂, n.d. (5) [1]; 1♀, n.d. (1).

Notes : [1] : belongs to the subspecies *angustata* KUNZE, 1818 (males lack the pair of median tubercles on the first ventrite; size of specimens is generally smaller than the nominal form; median lobe and endophallus are similar to nominal form's, just being smaller); [2] : there is Béthune in Pas-de-Calais (marshy region in the past) and Béthune in Sarthe (close to a lake).

Distribution : Europe : Alps, Austria, Balkans, Belarus, Belgium, Bulgaria, Central Europe, Denmark, Finland, France, Germany, Ireland, Italy (only ssp. *angustata* KUNZE, 1818), Netherlands, Norway, Poland, Sweden, United Kingdom. Elsewhere : Russian Federation (Altaï, Siberia, Taïga), Kazakhstan (East). Lacks in the Iberian peninsula.

Host plants : *Alisma plantago-aquatica* L., *Carex*

sp. (larvae, cocoons / roots) *Sagittaria sagittifolia* L. (ova / leaves; larvae, cocoons / roots, base of stems).

36. *Donacia (Donaciomima) fennica* PAYKULL, 1800

Poland : Prusse Orientale : Angerburg [2]: 1♂ - 2♀♀, n.d. (3). Russian Federation : Karélie russe : 1♂, n.l., n.d. (4); Waldai : 2♂♂ - 2♀♀, n.d. (3); Jam Edrobo Valdajsk.* u [* prob. Valdajskaja] [1]: 1♀, n.d., Olsufev. Sweden [Suède] : 1♂, n.l., n.d. (J. Havenith *vendit.*). Unknown origin : 1♀, n.d. (4).

Notes : [1] : translated from Cyrillic by the author; [2] : = Wegorzewo.

Distribution : Belarus, Europe (North), Russian Federation (Siberia, area between Lake Baikal and the Pacific coast).

Host plants : *Phragmites australis* (CAV.) TRIN. ex STEUD., *Scolochloa festucacea*.

37. *Donacia (Donaciomima) frontalis* JACOBY, 1893

China [Chine] : Shangai Shi : Woosong [= Woo-sung; = Wusong] : 1♂, n.d. (1) (bears a label "Type"). Unknown origin : 1♂, n.d. (1) (bears a label "Type").

Distribution : China (Provinces of Heilongjiang, Beijing, Hebei, Shanxi, Jiangxi, Guangxi, Jiangsu, Fujian), Japan (Honshū) (HAYASHI & HARUSAWA, 2000).

Host plants : unknown.

38. *Donacia (Donaciomima) hirticollis* KIRBY, 1837

U.S.A. [États-Unis] : 1♂, n.l., n.d. (1). Unknown origin : 1♂ - 1♀, n.d. (1).

Distribution : Canada, U.S.A. (see MARX, 1957 for details)

Host plants : *Glyceria borealis* (NASH), *Pontederia cordata* L., *Potamogeton amplifolius* TUCKERMAN, *P. alpinus* BALBIS, *P. ephihydus* RAFINESQUE-SCHMALTZ, *P. natans* L., *P. richardsonii* (BENNETT), *Nuphar advena* AITON, *N. polycephalum*, *N. variegatus* ENGELMANN, *Nymphaea* sp. (flowers), *Sagittaria latifolia* WILLDENOW, *Sparganium angustifolium* MICHAUX, *S. diversifolium* GRAEB.

39. *Donacia (Donaciomima) impressa* PAYKULL, 1799

Caucasus : 1♀, n.l., n.d. (1). Croatia : Istria :

Noghera : 1♀, n.d., Standing (8). Czech Republic : Prague : 1♀, n.d., Skalitzky (7); Prague (environs) [4]: 3♂♂ - 4♀♀, 16.V.1948, J. Bechyně. Finland : C. Luc. : 1♂, n.d. (1). France : 2♀♀, n.l., n.d. (10); Aisne : Villers-Cotterêts : 1♀, n.d. (4); Alpes-Maritimes : Biot : 1♂ - 1♀, 20.VI.1946, P. Gauret; Biot, La Brague [river] : 2♂♂ - 1♀, -.VI.1946; Cher : Bourges : 1♂, n.d., Gruardet (6); Essonne : Bouray[-sur-Seine] : 1♂, -.V.1895 (3); Gard : Sommières : 2♂♂ - 1♀, n.d., E. Tisson; Gers : Eauze : 1♂, n.d. (5); Gironde : Bordeaux : 1♀, n.d. (4); Hautes-Pyrénées : Maubourguet : 2♂♂ - 3♀♀, n.d. (7); Hauts-de-Seine : Meudon : 1♂ - 1♀, n.d. (5); 2♀♀, n.d. (10); 1♂ - 2♀♀, n.d. (3); Meudon (bois de) : 2♂♂ - 2♀♀, n.d. (6); Meudon, étang de Trivaux : 1♀, n.d. (4); 7♂♂ - 5♀♀, n.d. (5); 12♂♂ - 6♀♀, n.d. (3); Hérault : Béziers : 1♂, n.d., L. Puel; Jura : Bonlieu : 1♀, 25.V.-, P. Sirguy (8); Loire : Lizerieux : 1♂, n.d., G. Audras (8); Rhône : Lyon : 1♀, n.d., P. Sirguy (8); 1♂, n.d. (8); Seine-et-Marne : Fontainebleau : 1♂, n.d.; Seine-Saint-Denis : Noisy-le-Grand : 1♀, n.d. (6); Yonne : Coulanges-sur-Yonne : 1♂, n.d. (6); Sens : 3♀♀, n.d. (5); Tonnerre : 2♀♀, n.d. (5); Vincelottes : 3♂♂ - 3♀♀, n.d. (5); Vienne : Plaisance : 1♂, 15.V.1926 (2 in 6); Yvelines : Chaville : 3♂♂ - 2♀♀, 2.VI.1869 (4); 2♂♂, 29.V.1941, Perraudin (2 in 6); 6♂♂ - 7♀♀, n.d. (5); Chaville, étang de Brise Mid. : 3♂♂ - 3♀♀, n.d. (3); Rueil-Malmaison, étang de Saint-Cucufa : 5♂♂ - 2♀♀, n.d. (5); undetermined French Department : Allier [3]: 1♂, n.d. (5); Bellevue [5]: 1♂ - 4♀♀, n.d. (10); Chaumes [1]: 1♂, 28.V.1875, H. Miot; Indre [2] : 1♂, n.d. (5). Germany [Allemagne] : 1♀, n.l., n.d., Kricheldoff. ded; 1♂, n.l., n.d. (6). Lithuania : Wilna : 1♂, n.d., Wankowicz. Switzerland : Valais : Aigle, b.[ord] du Rhône : 2♂♂, n.d. (4); Genève (environ de) : 1♂, -.VII-VIII.1874, H. Tournier. Undetermined origin : fgb : 1♀, -.VII.1882 (5). Unknown origin : 1♂, n.d. (1); 1♂, n.d. (5).

Notes : [1] : there is a such locality in Côte-d'Or and one in Indre-et-Loire; [2] : name of a Department as well as a locality in Loire-Atlantique; [3] : name of a Department and of a locality in Hautes-Pyrénées, but it may refer to the former; [4] : in the material identified by V. TOMOV in 1983 and under the label of *D. impressa*, there were also 112 ex. from the same locality and date, they belong in fact to *D. brevicornis*; [5] : there are at least 7 toponyms with that name : one in Aisne, two in Loire-Atlantique (one near lake « Gran-Lieu », one in a wetland area), two in Morbihan and two in Vendée.

Distribution : Europe : Alps, Balkans, Belarus, Belgium, Bulgaria, Croatia, Czech Republic,

Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Ireland, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Sicily, Spain, Sweden, Switzerland, United Kingdom. Elsewhere : Algeria, Kazakhstan, Mongolia, Morocco, Russian Federation (Siberia, West of Lake Baikal, Taïga).

Host plants : *Carex acuta* L., *C. acutiformis* EHRH. (imagoes / flowers), *C. gracilis* CURTIS, *C. paniculata* L. (imagoes / flowers), *C. pseudocyperus* L., *Glyceria maxima* (HARTM.) HOLMBERG, *Scirpus lacustris* L. (imagoes / flowers).

40. *Donacia (Cyphogaster) javana* WIEDEMANN, 1821

China, Japan [Chine, Japon] : 1♀, n.l., n.d. (1) [1]. India Or. : 1♂, n.l., n.d. (1). Thailand : Bangkok : 1♂, n.d. (1). Unknown origin : 2♂♂ - 1♀, n.d. (1).

Note : [1] : The existence of the name of 2 countries (China and Japan) on the same label, as well as these countries in themselves, where *javana* does not occur, suggest wrong labelling.

Distribution : Burma, Cambodia, India, Indonesia (Borneo, Java, Sulawesi, Sumatra), Laos, Malaysia, Philippines (Mindanao), Singapore, Sri Lanka, Thailand, Vietnam.

Host plants : *Nymphaea pubescens* WILLDENOW (cf. LAYS, 2000).

41. *Donacia (Donaciomima) magnifica* LÉCONTE, 1851

Canada : Am.[érique] bor.[éale], C.[entre] du C.[anada], Lac Supér[ieur] : 1♂, n.l., n.d. (1); Québec : Env.[iron] de Québec : 1♀, n.d., Provancher (1).

Distribution : Canada, U.S.A. (see MARX, 1957 for details).

Host plants : *Sagittaria* sp., water lily.

42a. *Donacia (Donaciomima) malinowskyi* AHRENS, 1810

Borussia [1] : 1♂ - 1♀, n.l., n.d., Reitter (8); 1♀, n.d. (5) [2]. France [Gallia] : 2♂♂, n.l., n.d., Reitter (8). Germany [Allemagne] : Allem.[agne] bor.[éale] [North Germany] : 1♀, n.l., n.d. (but prior to 1885); Pommern : Coeslin : 1♂ - 1♀, n.d., Lüllwitz (3); Berlin : 2♂♂ - 2♀♀, n.d. (2); Sachsen Anhalt : Magdeburg : 1♀, n.d., Heyden (4). Russian Federation : Jaroslavl : 1♂ - 3♀♀, n.d., Kokouyew. Unknown origin : 1♀, n.d., Standing (8); 1♂, n.d. (9); 1♀, n.d., A. Bau (9).

Notes : [1] : region including a territory on the border between Poland and Russia, limited to the North by the Baltic sea; [2] : there is also 1 male, without label, on a mounting card similar to that of the female, and that could come also from Borussia.

Distribution : Europe (Centre), limits of its area : North : Königsberg; South : Transylvania; East : Central Russia; West : Netherlands. Austria, Belarus, France (Côte-d'Or, Aube, Yonne, Marne, Moselle, Haut-Rhin), Germany, Grand Duchy of Luxemburg, Poland, ex-Czechoslovakia. Lacks in Belgium, Ireland, Scandinavia, United Kingdom.

Host plants : *Arundo phragmites*, *Glyceria fluitans* (L.) R. BROWN, *Glyceria maxima* (HARTM.) HOLMBERG, *Hydrocharis morsur-ranae* L., *Sparganium natans**, *Typha*. (* probably erroneous name, provided by DEMAUX (1954), it may refer to *Potamogeton natans* L.)

42b. *Donacia (Donaciomima) malinowskyi* var. *arundinis* AHRENS, 1810. Spain fauna nov.

France : Côte-d'Or : Saint-Jean-de-Losne : 1♂, n.d. (6). Germany [Allemagne; Germania] : 5♂♂, n.l., n.d. (5); 2♂♂ - 2♀♀, n.l., n.d., Reitter (3); Sachsen Anhalt [Saxe] : Bruck [1] : 2♂♂ - 1♀, n.d. (n° 8189) (7); Dessau : 3♂♂ - 3♀♀, n.d. (6); Magdeburg : 1♂ - 1♀, n.d., L. V. Heyden; 1♀, n.d. (4); 1♀, n.d., Standing (9). Russian Federation : Karélie russe : 1♂, n.l., n.d. (4). Slovakia : West Prussen : Rosenberg : 1♂ - 3♀♀, n.d., Von Mulverstedt (J. Havenith vendit.). Spain : Galicia [2] : 1♂, n.l., n.d. [old specimen]. Unknown origin : 2♂♂, n.d. (1); 1♀, n.d. (4); 1♂, n.d. (9).

Notes : [1] : in fact, it should be written Brück, and is in reality placed in Brandenburg Länder; [2] : former Province of Spain (North-West), this specimen has been identified by Károly VIG in 2001 and reviewed by the author in 2002; if one refers to the work of PÉTTIPPIERRE (2001), this is the first time that *D. malinowskyi* is recorded from Spain.

43. *Donacia (Donaciomima) marginata* HOPPE, 1795

Czech Republic [Tchécoslovaquie] : Prague : 10♂♂ - 9♀♀, 5.VI.1947 (6); Prague (environs) : 22♂♂ - 11♀♀, 16.V.1948, J. Bechyné (including 1♀ in 6); Bohême centrale : Celakovice : 3♂♂, 27.V.1948, J. Bechyné; Bohême orientale : Pribislav : 4♂♂ - 6♀♀, 26.V.1948, J. Bechyné (including 1♀ in 6). France : 1♀, n.l., n.d. (10); Ain : Lent : 2♂♂ - 1♀, n.d., G.

Audras (8); Alpes-Maritimes : Biot : 1♀, 4.V.1949, P. Gauret; Cannes : 2♂♂ - 2♀♀, n.d. (10); Ardennes : Germont [5] : 1♂, n.d. (1); Aube : Chenegy : 3♂♂, 4.VII.1874, M. LeBrun; Maraye[en-Othe] : 2♂♂ - 1♀, n.d. (3); Troyes : 1♀, n.d., M. LeBrun; 1♀, -2-8 [4] (5); Villechétif : 1♀, 21.V.1875, M. LeBrun; Aude : Carcassonne : 1♂, --.1871, P. Mabile; Côte-d'Or : Montbard : 27.IV.1899, F. Gruardes (6); 1♀, 30.II.1898 (6); Saint-Jean-de-Losne : 2♂♂ - 5♀♀, n.d. (6); Essonne : Lardy : 3♀♀, n.d. (3); Montgeron : 1♂ - 2♀♀, n.d. (3); Gard : 1♀, n.l., n.d. (10); Gers : Coche : 2♂♂, n.d., J. Payrem; Haute-Marne : Chassigny : 2♂♂ - 1♀, n.d. (3); Rolaumont : 4♂♂ - 2♀♀, n.d. (5); Hautes-Pyrénées : Cauterets : 1♀, n.d. (4); Maubourguet : 1♂ - 2♀♀, n.d. (n° 224) (7); Hauts-de-Seine : Meudon : 1♂ - 1♀, n.d. (5); 9♂♂ - 9♀♀, n.d. (3); Ile-et-Vilaine : Monterfil : 1♀, --.V.1938 (6); Meudon, [étang de] Trivaux : 1♂ - 2♀♀, --.V.1883 (5); Indre-et-Loire : Tours (environ de) : 3♂♂ - 1♀, n.d., P. Sirguy (8); Landes : Dax : 4♂♂ - 22♀♀, n.d. (10); Monfort[en-Chalosse] : 4♂♂, n.d. (5); Loiret : Briare : 1♂, n.d. (6); Meuse, tranchées : 1♂, --.VIII.1917, guerre 1917 (8); Paris : 1♂, n.d. (n° 224) (7); 1♂, n.d. (10); 1♂, n.d. (Coll. J. Muller); Seine-et-Marne : Fontainebleau : 1♂, n.d.; Valvins : 1♂, n.d. (6); Tarn-et-Garonne : Montauban : 1♀, n.d., J. Farenc (6); Val d'Oise : Bonneuil[en-France] : 2♂♂ - 1♀, 3.VII.1938 (2 in 6); Vienne : Morthemer : 1♀, n.d., L. Mesmin (5); Plaisance : 1♂ - 1♀, 15.V.1926, W. Perraudin (2 in 6); Val-de-Marne : Vincenne : 5♂♂ - 3♀♀, n.d. (6); Yonne : Forêt d'Othe : 1♂, --.VII.1873, M. LeBrun; Tonnerre : 1♀, n.d. (5); Yvelines : Chaville : 3♂♂ - 4♀♀, n.d. (10); 3♂♂ - 3♀♀, n.d. (3); 4♂♂ - 2♀♀, n.d. (5); 4♂♂ - 5♀♀, n.d. (6); 3♀♀, --.V.1889 (5); 3♀♀, --.V.1889 (3); 1♀, --.IV.1897 (5); Rueil[Malmaison] : 1♂ - 4♀♀, --.V.1917 (5); [Rueil-Malmaison], Étang de Saint-Cucufa : 11♂♂ - 10♀♀, n.d. (5); 1♂, --.V.1917 (5); Vincelottes : 2♂♂ - 3♀♀, n.d. (5); undetermined French Department : Béthune [7] : 4♂♂ - 7♀♀, n.d. (10); Chaumes [1] : 1♀, 28.V.1876, H. Miot; Indre [2] : 1♂, n.d. (5); Moulins s/O. [3] : 1♀, n.d. (5). French specimens with more than one labels : 1♂, n.d. (4); Yvelines : Chaville // Calvados : Forêt de Cinglais, étangs 4 // Loiret; 1♂, n.d. (4); Calvados : Saint-Julien-sur-Calonne // striata Falaise B.; 1♂, n.d. (4); Gironde : Bordeaux // Calvados : Caen // Gers : Bouzon[Gellenave]; 1♀, n.d. : Manche : Portbail; Aisne : Dercy. **Germany** [Allemagne] : 1♂, n.l., n.d.; Berlin : Spandau : 2♂♂, n.d. (8); Niedersachsen : Bunde : 1♂, 22-27.VII.1874; Thüringen : Fri[e]drichroda : 3♂♂ - 6♀♀ [6], --.VI.1880, A. de Borre. **Italy** : Italie sup. : 1♀, n.l., n.d., de Bertolini. **Morocco** : Larache [=El-Araïch] : 1♀, --.VI.1896. **Netherlands** : 6♂♂ - 4♀♀, n.l., n.d. (10); Limburg : Nuth. : 6♂♂ - 5♀♀, 6.VI.1875, Maurissen.

Spain [Espagne] : Catalogne : 1♂ - 5♀♀, n.l., n.d., Cuny y Martorell. **Switzerland** : Genève : 1♂, --.VII-VIII.1874; Genève (environ de) : 4♂♂ - 1♀, --.VII-VIII.1874. **Undetermined origin** : Lac de Grandrieu : 1♀, n.d., --.VI-- (4). **Unknown origin** : 1♀, n.d. (1); 1♀, n.d. (Coll. F. Reiber); 1♀, n.d. (4).

Notes : [1] : one locality in Côtes-d'Or and one in Indre-et-Loire; [2] : name of a Department as well as a locality in Loire-Atlantique, it should refer to the former; [3] : there is Moulins-sur-Orne in Orne; and Moulins-sur-Ouanne in Yonne; [4] : this is likely to be 2.VIII.--; [5] : must refers to the swamp of Germont-Buzancy; [6] : specimens of that series have inerm posterior femorae, pronotal disc without small transversal shiny wringles on the lateral borders; one female of that series is rather an atypical form of *marginata* or possibly a hybrid between *marginata* and an undetermined species: pronotal anterior angles almost obsolete; elytral depressions less marked; elytral apex with rounded angles; [7] : there is Béthune in Pas-de-Calais (marshy region in the past) and Béthune in Sarthe (close to a lake).

Distribution : very widely distributed over Western Palearctic : Minor Asia, Belarus, Belgium, Bulgaria, Caucasus, Denmark, Finland, Germany, Grand Duchy of Luxemburg, Greece, France, Ireland, Israel, Italy, Kazakhstan, Morocco (North), Netherlands, Poland, Portugal, Russian Federation (Altai, Siberia), Sardinia, Sicily, Spain, Sweden, United Kingdom, Uzbekistan.

Host plants : *Carex* spp., *Glyceria* sp. (cocoons), *Scirpus lacustris* L. (cocoons), *Sparganium emersum* R., *Sparganium erectum* L. (larvae / roots; imagoes / leaves), *Typha* spp.

44. *Donacia* (*Donaciomima*) *obscura* GYLLENHAL, 1813

Austria : Lunz : 1♂ - 1♀, n.d. (6); Mödling (Umgegend von) : 1♀, n.d., Reitter (4); Neusiedl[er] See : 1♀, n.d., Dr Krauss (8); 1♂, n.l., n.d. (5). **Germany** : Brandenb[ur]g [Länder] : 1♀, n.l., n.d., Standing (8); Pommern : Coeslin : 4♀♀, n.d., Lüllwitz (3). **France** : Isère : Uriage [-les-Bains], Lac Luital : 1♀, n.d. (5); Savoie : Avressieux : 1♂, 11.IV.1923 (6); 3♂♂ - 1♀, n.d. (6); Somme : 2♂♂, n.l., n.d. (3). **Netherlands** [Hollande] : 6♂♂, n.l., n.d. (10). **Norway** : Tjudi : 1♂, n.d., J. Sahlb[er]g (4). **Russian Federation** : Gorki[j] : 1♀, n.d., J. Sahlb[er]g (4). **Undetermined country** : Lispack : 5♂♂ - 5♀♀, n.d. (3). Specimens bearing several labels of origin : 2♂♂ - 2♀♀, from the former Pandellé collection, all with n° 3722, the only

specimen that has data bears two labels : one small green label : Lille [France], Lethiezy; one big white label : Allemagne [Germany], Fairn, n° 6775.
Unknown origin : 1♀, n.d.

Note : This species has been wrongly reported from Japan and Siberia; the specimens of these regions belong in fact to *Donacia splendens* JACOBSON, 1894 (cf. HAYASHI, 2000), and it is likely that Mongolian specimens assigned to *D. obscura* belong also to the former species.

Distribution : Austria, Belarus, Belgium, Denmark, Finland, France (very rare in the North), Germany, Grand Duchy of Luxemburg, Ireland, Italy, Kazakhstan, Netherlands, Norway, Poland, Russian Federation, Spain, Sweden, United Kingdom.

Host plants : *Alisma plantago-aquatica* L., *Carex rostrata* ST., *Eriophorum*, *Schoenoplectus*, *Scirpus*, *Sparganium*.

45. *Donacia (Donacia) palmata* OLIVIER, 1795

Canada : 1♂, n.l., n.d. (but prior to 1885); Ontario : Ottawa : 1♀, 6.VI.1949, R. de Ruelle; Québec : Saguenay [River] : 1♀, n.d., V. Huart. North America [Amérique boréale] : 1♂, n.l., n.d. (1); 1♀, n.l., n.d. U.S.A. [États-Unis] : 1♂, n.l., n.d. (1); 1♂, n.d.; Louisiana : N.[ouvelle] - Orléans : 1♀, n.d. (1); Pennsylvania : Philadelphie : 1♀, n.d. (1); undetermined US locality : J.T. : 1♂, ---.1876.
Unknown origin : 1♂, n.d. (1).

Distribution : Canada (South-East), U.S.A. (East) (see MARX, 1957 for details).

Host plant : *Nuphar advena* AITON.

46. *Donacia (Donacia) piscatrix* LACORDAIRE, 1845

U.S.A. : Amér.[ique] bor.[éale] : 1♂, n.l., n.d. (1); Illinois : 1♀, n.l., n.d. (but prior to 1885); 1♂, n.l., n.d. (1). Unknown origin : 1♀, n.d. (1).

Distribution : Canada (South-East), U.S.A. (East) (see MARX, 1957 for details).

Host plants : *Nuphar advena* AITON; *Nuphar luteola macrophylla* (SMALL) E.O. BEAL (imagoes have been observed eating pollen, nectar and stamens; larvae and pupae found also on that species, observations made in Texas).

47. *Donacia (Donaciomima) polita* KUNZE, 1818

Greece [Grèce] : Kérkyra [Island] : Valle di Ropa : 1♂ - 3♀♀, 23.IV.1930, A. d'Orchymont.
Undetermined origin : 2♀♀, n.l. [1], n.d. (9).

Material that must be added to the data already published by LAYS (2002a) on this species.

Note : [1] : there is a small dark green circular label with some traces of inscriptions, it could be « Algérie 4... », but that needs confirmation.

48. *Donacia (Cyphogaster) provosti* FAIRMAIRE, 1885

Japan [Japon] : Shikoku : Tokushima-ken, Naruto-shi, Muya-Chô : 1♀, 05.IX.1948 (6); 1♂, n.l., n.d. (1); 1♂, n.l. [1], n.d.

Note : [1] : this specimen is mounted on a large mounting card on the back of which is written (pencil) the following data : Kobe, 1871. The position of this inscription is rather unusual and has perhaps nothing to do with the mounted beetle, but if it is not the case, then this may refer to the town of Kōbe, on Honshū (Japan).

Distribution : China, Korea, Japan (Hokkaido, Honshū, Kyushu, Oki, Sado, Shikoku, Ryukyu, Tanegashima), Russian Federation (Far East Russia), Taiwan, Thailand, Vietnam.

Host plants : *Brasenia schreberi* GMELIN, *Nelumbo nucifera* GAERTN., *Nuphar japonicum*, *Nymphaea tetragona* GEORGI var. *angustata* and var. *tetragona*, *Nymphoides peltata*, *Potamogeton* sp., *Trapa* spp.

49. *Donacia (Donacia) proxima* KIRBY, 1837

North America [Amérique boréale] : 1♂, n.l., n.d. (1).
Canada : 1♀, n.l., n.d. (1); 2♀♀, n.l., n.d. (6).
Unknown origin : 3♂♂, n.d. (1).

Note : see nomenclatural treatments by ASKEVOLD (1987b).

Distribution : Canada, U.S.A. (see MARX, 1957 for details).

Host plants : *Castalia odorata* AITON, *Nuphar advena* AITON, *Nuphar polysepalum* ENGELMANN, *Nymphaea americana* ENGELMANN, *Nymphozanthus variegatus* ENGELMANN, *Sparganium* sp.

50. *Donacia (Donaciomima) semenovi* JACOBSON, 1907

China [Chine] : 1♂, n.l., n.d. (1).

Distribution : China.

Host plants : unknown.

51. *Donacia (Donaciomima) semicuprea* PANZER, 1796

Czech Republic : Moravie occ.[-identale] : Bohkalov : 5♂♂ - 1♀, 27.V.1948, J. Bechyně; Prague (environs) : 61 ex., 16.V.1948, J. Bechyně. **France** : Aisne : Villers-Cotterêts : 1♀, n.d. (4); Alpes-de-Haute-Provence : Riez (Basses-Alpes) : 1♂, n.d. (4); Aube : Troyes, env.[-iron] de : 1♀, 30.IV.1874; 1♂, 15.V.1876 [1], M. LeBrun; Calvados : Troarn, marais de : 1♂, n.d. (4); Cher : Bourges : 1♂, n.d., H. du Buysson (5); Essonne : Ferté-Alais : 1♂, --.VI.-- (8); Ris[-Orangis] : 1♂ - 1♀, 5.VI.1838, W. Perraudin (2 in 6); Eure : La Vacherie p. Troyes : 6♂♂ - 6♀♀, 20.V.1873, M. LeBrun; Pont-Audem[-er] : 1♂ - 1♀, 11.VI.1895 (5); Paris : 2♂ - 2♀, n.d. (n° 3902) (7); 1♂ - 1♀, n.d. (5); Indre-et-Loire : Tours : 2♂♂ - 3♀♀, --.V.-- (8); Loiret : Briare : 1♂ - 1♀, --.V.1942 (6); Montargis : 4♂♂, n.d., P.M. Mallet (6); Meuse : 1♀, --.VIII.1917, guerre 1917, tranchées (8); Nord : Douai : 1♀, n.d. (4); Sarthe : Avoise : 1♀, 29.V.1923, G. Abot (8); Seine : Vitry[-sur-Seine] : 16♂♂ - 3♀♀, n.d. (5); 14♂♂ - 21♀♀, n.d. (3); 3♀♀, 3.VI.1904 (5); 1♂ - 2♀♀, --.VI.1905 (5); Seine-et-Marne : Nemours : 3♂♂ - 1♀, n.d. (5); Trilport : 3♂♂, n.d. (6); Yonne : Coulanges-sur-Yonne : 5♂♂ - 2♀♀, n.d. (6); Forêt d'Othe : 1♂, --.VII.1873, M. LeBrun; Sens : 3♂♂ - 13♀♀, n.d. (5); Vincennes : 218 ex., n.d. (5); Yvelines : Chaville : 3♂♂, n.d. (5); 6♂♂ - 3♀♀, n.d. (10); undetermined French Department : Béthune [3] : 27♂♂ - 14♀♀, n.d. (10); Mondeville [2] : 1♀, n.d. (4); French specimens with several labels of origin : 1♂, n.d. (4) : Calvados : Fresney-le-Puceux // Saint-Loup Hors; 1♀, n.d. (4) : Calvados : Caen, prairie // Falaise B; 1♀, n.d. (4) : Calvados : Cabourg, plage // Luc-sur-Mer. **Netherlands** [Hollande] : 3♂♂, n.l., n.d. (10); Utrecht : 2♂♂ - 5♀♀, 14.VI.1879, Al. Foettinger; 2♂♂ - 3♀♀, 21.VI.1879, Al. Foettinger. **Undetermined origin** : « Bachmühle » [Netherlands ?] : 1♂, --.VI.1885; Eckerberg [Sweden ?] : 1♂, 17.V.1885; canal maritime : 1♀, --.VI.-- (4) (prob. in France ?). **Unknown origin** : 1♂ - 2♀♀, n.d.; 2♀♀, n.d. (but prior to 1885); 4 ex., n.d. (I.G. 19.639); 1♂, n.d. (4).

Notes : [1] : on the label it appears as 51.5.76; [2] : there is one Mondeville in Calvados and one in Essonne; [3] : there is Béthune in Pas-de-Calais (marshy region in the past) and Béthune in Sarthe (close to a lake).

Distribution : Europe : Alps, Belarus, Belgium, Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Hungary, Ireland, Italy (North), Netherlands, Norway, Poland, Romania, Sweden, United Kingdom, Taiga. Lacks in the Iberian peninsula.

Host plants : *Carex*, *Glyceria maxima* (HARTM.) HOLMBERG (imagoes / leaves), *Iris*

pseudacorus L., *Typha*.

52. *Donacia* (*Donaciomima*) *simplex* FABRICIUS, 1775

Belarus : Minsk : 1♀ [4], n.d., Wankowicz. **Czech Republic** : Prague (environs) : 36 ex., 16.V.1948, J. Bechyně; Bohême orientale : Pribislav : 24 ex., 26.V.1948, J. Bechyně; Moravie occ.[-identale] : Bohkalov : 15 ex., 27.V.1948, J. Bechyně. **France** : 1♀, n.l., n.d. (10); Alpes-Maritimes : Biot : 1♂ - 1♀, 9.V.1949, P. Gauret; Biot, fossé d'irrigation : 5 ex., 9.V.1949; Aube : Maray[-en-Othe] : 3♂♂, n.d. (3); Troyes : 2♀♀, n.d., M. Le Brun; 1♂, 30.IV.1874, M. Le Brun; Cantal : Murat, b.[-ord] de l'Alagnon : 1♂, n.d. (4); Calvados : Bayeux : 1♀, n.d. (n° 7//167x//230x); Falaise : 1♀, n.d. (n° 157Q) (4); Charente-Maritime : Saint-Jean-d'Angely (Charente Inférieure) : 1♂, n.d., Perraudin (2 in 6); 2♀♀, 16.VII.1940, Perraudin (2 in 6); Cher : Bourges : 1♂ - 1♀, n.d. (6); Bourges, env.[-iron] de : 2♂♂, 5.V.1911, / plantes aquatiques, F. Guardet (6); Côte-d'Or : Saint-Jean-de-Losne : 1♂, n.d. (6); Essonne : Montgeron : 1♀, --.VII.-- (4); Eure-et-Loire : Hanches : 5♂♂ - 1♀, n.d., Gervais (5); Gironde : Bordeaux : 1♂ - 1♀, n.d. (4); Haute-Marne : Rolampont : 1♀, n.d. (5); 2♂♂ - 3♀♀, n.d. (3); Hautes-Pyrénées : Maubourguet : 3♂♂ - 2♀♀, n.d. (n° 547) (7); Hauts-de-Seine : Meudon : 1♂ - 1♀, n.d. (3); Meudon, étang de Trivaux : 5♂♂ - 3♀♀, n.d. (5); 2♂♂ - 3♀♀, n.d. (3); 3♀♀, --.VI.1880 (3); Meudon, bois de : 1♂ - 1♀, n.d. (6); 4♂♂ - 2♀♀, n.d. (3); Indre : Levroux : 3♂♂, n.d., F. Taupin (6); Indre-et-Loire : Tours : 4♂♂ - 3♀♀, --.V.-- (8); 1♀, --.VI.-- (8); Isère : Grenoble : 1♀, n.d., Agnus (6); Landes : Dax : 11♂♂ - 3♀♀, n.d. (10); Montfort[-en-Chalosse] : 2♂♂, n.d. (5); 3♂♂, n.d. (3); Loiret : Briare : 2♂♂, --.V.1943 (6); Montargis : 1♂, n.d., P.M. Mallet (6); Manche : Bouillon : 1♂ - 1♀, n.d. (5); 6♀♀, n.d. (3); Coutances : 1♂, n.d. (4); Jullouville : 3♂♂ - 1♀, n.d. (5); Mortain : 8 ex., n.d., R. Delaunay (6); Portbail : 1♂, n.d. (4); Rhône : Lyon : 1♀, n.d., P. Sirguy (8); Seine-et-Marne : Fontainebleau : 1♂, n.d. (6); Val-de-Marne : Vincennes : 2♀♀, n.d. (5); Var : 1♀, n.l., n.d. (5); Fréjus : 1♂, n.d., sur l'Iris (4); Pignans : 1♂, n.d. (4); Vienne : Morthemmer : 1♂, n.d., L. Mesmin (5); Yonne : Forêt d'Othe : 5♂♂ - 5♀♀, --.VII.1873, M. Le Brun; Sens : 2♂♂ - 1♀, n.d. (5); Tonnerre : 2♀♀, n.d. (5); Vincennes : 59♂♂ - 74♀♀, n.d. (5); Yvelines : Chaville : 1♂, n.d. (10); 3♂♂ - 1♀, n.d. (5); 5♂♂, n.d. (3); Chaville, étang des Écrevisses : 1♂ - 1♀, n.d. (5); 1♂, --.VI.1920 (5); Rueil [-Malmaison], Étang de Saint-Cucufa : 1♂ - 4♀♀, n.d. (5); 1♀, --.1917 (5); 3♀♀, --.V.1917 (5); undetermined French Department : Béthune [6] : 88 ex., n.d. (10); Chaumes [1] : 1♀, 28.V.1876, H. Miot; Sircy : 3♀♀, n.d. (6); Étang des Fonceaux [5] : 1♀, n.d. (5); Bou «?»y [2] : 1♂ - 2♀♀, n.d. (5);

French specimens with several labels of origin : 1♀, n.d. (4) : Gironde : Bordeaux // Gers : Bouzon[-Gellenave]; 1♂, n.d. (n° 466N//158Q// 45O//162K) (4) : Calvados : Falaise // Forêt de Cinglais, juin // Fresney-le-Puceux; 1♂, n.d. (4) : Calvados : Saint-Julien-sur-Calonne // Deauville, fossé; 1♂, 16.VII.1869 (4) : Essonne : Montgeron // Seine-Maritime : Rouen. **Germany** : Babenhaus.[-en] [3] : 1♀, n.d. (6); Thürigen : Fri[e]drichroda : 2♂♂ - 2♀♀, -VI.1880, A. de Borre; Gersprenzuf. : 1♂, n.d., Schwarzer (6). **Grand Duchy of Luxemburg** : Mondorf [-les-Bains] : 3♂♂ - 4♀♀, n.d. (9). **Spain** : Catalogne : 1♂ - 3♀♀, n.l., n.d., Cuny y Martorell. **Switzerland** : 1♀, n.l., n.d. (4); Genève, environ de : 2♂♂, -VII-VIII.1874, H. Tournier. **Undetermined origin** : «Amvbrif » (prob. in France) : 1♀, 24.VI.1909 (6). **Unknown origin** : 1♂, n.d. (n° 73 K) (4); 1♂, n.d. (n° 248 x) (4); 3♂♂, n.d., Le Blanc (5).

To these data one has to add the material from Morocco already published in LAYS (2002a).

Notes : [1] : one locality in Côte-d'Or and one in Indre-et-Loire; [2] : this could be Bougy in Calvados, Bouhy in Nièvre or Bouzy in Haute-Marne; [3] : one locality in Hessen and one in Bavaria; [4] : atypic specimens when compared with French or Belgian specimens : short antennae and pronotum (from above) similar to *D. brevicornis*, but other characters fit with *simplex*; [5] : prob. in Hauts-de-Seine (Sèvres); [6] : there is Béthune in Pas-de-Calais (marshy region in the past) and Béthune in Sarthe (close to a lake).

Distribution : broadly occurs in the Palaearctic region : Europe, at least in : Belarus, Belgium, Bulgaria, Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Ireland, Italy, Netherlands, Norway, Poland, Portugal, United Kingdom, Sardinia, Sicily, Spain, Sweden. Elsewhere : Algeria, Mongolia (North), Morocco, Russian Federation. Erroneously reported from Japan.

Host plants : *Carex*, *Glyceria*, *Juncus*, *Phragmites*, *Sparganium emersum* REHM. (imagoes / leaves), *Typha*.

53. *Donacia (Donaciomima) splendens hiurai* KIMOTO, 1983

Japan : Honshû : Fukushima-ken, Minami-aizu-gun, Narahara-chô, Numayama : 1♂ - 1♀, 13.VI.1948 (6).

Note : for recent taxonomic changes, see HAYASHI, 2000.

Distribution : Japan (Honshû).

Host plant(s): unknown.

54a. *Donacia (Donaciomima) sparganii sparganii* AHRENS, 1810

France : 1♂ - 1♀, n.l., n.d., Reitter (3); Calvados : Bures, la Dives : 1♀, n.d. (4); Troam, marais de : 1♂, n.d. (4); Loir-et-Cher : Blois, bords du Cosson : 1♂, n.d. (4); Marne : 1♂, n.d. (5); Meuse : 1♀, -VIII.1917, guerre 1917, tranchées (8); Nord : Lille : 2♂♂ - 2♀♀, n.d. (n° 6003) (7); Oise : Chantilly : 5♂♂ - 1♀, n.d. (3); Somme : Amiens : 1♀, n.d. (3); Val-de-Marne : Nogent-sur-Marne, bords de la Marne : 2♂♂ - 1♀, n.d., Fleutiaux (4); Vincennes, bois de : 2♂♂, -VIII.1942 (6); Val-d'Oise : Franconville : 3♂♂, n.d. (3). **Germany** : 2♀♀, n.l., n.d. (n° 2321) (6); 1♀, n.l., n.d. **Ukrainia** : Volhynie (Russie) : 2♂♂ - 2♀♀, n.d. (3). **Undetermined origin** : Gr. Borstel [1] : 1♂ - 2♀♀, n.d. (6). **Unknown origin** : 3♂♂ - 2♀♀, n.d. (4); 1♂, n.d. (1); 1♀ [2], n.d. (1).

Note : [1] : perhaps in Germany (Hamburg-Grobe-Borstel); [2] : body quite narrow for a female, was identified as *D. distincta* LECONTE, a Nearctic species.

Distribution : Europe : Belarus, Belgium, Denmark, Finland, France, Germany, Italy, Netherlands, Norway, Poland, Sweden, United Kingdom. Elsewhere : Russian Federation (Siberia, West of Lake Baikal).

Host plants : *Butomus umbellatus* L., *Glyceria fluitans* (L.) R.BROWN, *Nuphar lutea* (L.), *Sagittaria sagittifolia* L., *Sparganium angustifolium* MICHAUX (larvae / roots), *S. emersum* REHM.

54b. *Donacia (Donaciomima) sparganii gracilipes* JACOBY, 1885

Unknown origin : 1♂, n.d. (bears a label "Type").

Distribution : Dauria, Jakutia, Japan (Hokkaido), Mongolia (North), Russian Federation (Far East Russia, Primorskiy, Kuril, Sakhalin).

Host plants : *Carex* spp. (*C. vesicaria* L.), *Potamogeton* sp. (larvae, cocoons), *Nuphar pumilum* var. *ozeense*, *Nymphaea* sp., *Sparganium emersum* REHM., *S. glomeratum*, *S. japonicum*.

55. *Donacia (Donaciomima) subtilis* KUNZE, 1818

Canada : Ontario : Ottawa : 2♂♂ - 1♀, 6.VI.1949, R. de Ruelle; Québec : Montréal : 3♂♂ - 1♀, n.d. (6).

United States [Etats-Unis] : 1♂, n.l., n.d. (Coll. Ogier de Baulny); Illinois : 1♀, n.l., n.d. (1); Michigan : Newaygo Co : 1♂, 1.VIII.1943, R.R. Dreisbach (6); New York : Rochester : 1♂ - 2♀♀, n.d., De Kempeneer (6); Pennsylvania : 1♂, n.l., n.d. (1); Undetermined State : Alcoma, Co : 1♂, 22.VIII.1931, Oreisbach (6); Livingston Co. G. Res. : 1♀, 28.V.1944, R.R. Dreisbach (6).
Undetermined country : North America [Amérique boréale] : 1♂, n.l., n.d.

In the present data, the specific identity of females could require confirmation : ASKEVOLD (1987a) states that females of *subtilis* can not be distinguished from those of *confluenta*. Though the present author has examined a small number of specimens of these two taxa, it seems that in the females of *subtilis* the supracoxal pubescent patch is proportionally smaller than in *confluenta*; likewise *subtilis*' female pygidium is slightly emarginate, although this character is perhaps less constant.

Distribution : Canada, U.S.A. (for details see ASKEVOLD, 1987a; BRIVIO & BALSBAUGH, 1984; MARX 1957).

Host plant : *Polygonum amphibium* L., *P. hydropiperoides* MICHAUX, *Pontederia cordata* L., *Nymphaea advena* AITON, *Sparganium angustifolium* MICHAUX, *S. chlorocarpum* RYDB., *S. eurycarpum* ENGELMAN, *S. diversifolium* GRAEBNER, *Pontederia cordata* L., *Sagittaria latifolia* WILLDENOW, *Typha latifolia* L.

56. *Donacia (Donacia) texana* CROTCH, 1873

U.S.A. : Pennsylvania : Philadelphie : 1♀, n.d. (7; n° 7067).

Distribution : Eastern U.S.A. (for details see MARX, 1957).

Host plants : *Nuphar advena* AITON.

57. *Donacia (Donaciomima) thalassina* GERMAR, 1811

Austria [Autriche] : 1♀, n.l., n.d. (8); 1 ex., n.l., n.d. (5). **Czech Republic** : Bohême or.[-ientale] : Pribislav : 2♀♀, 26.V.1948, J. Bechyné. **France** : Calvados : Hérouville-Saint-Clair : 1♂, n.d., prairie (4); Longues[-sur-Mer], falaises, Trou-sans-Fond : 1♂, n.d. (4); Hautes-Pyrénées : Tarbes : 3♂♂ - 2♀♀, n.d. (n° 2196) (7); Hauts-de-Seine : Meudon, étang de Trivaux : 5♂♂ - 1♀, n.d. (3); Loir-et-Cher : Blois : 1♂, n.d., s/ *Carex* (4); Manche : Portbail : 1♀, n.d. (4); Nièvre : La Marche : 1♂, n.d. (10); Orne : Bagnoles[-de-l'Orne], b.[-ord] de la Vée :

1♂, n.d. (4); Paris : 1♀, n.d. (Coll. J. Muller); Seine-et-Marne : Chaumes[-en-Brie] : 1♂, 28.V.1876, H. Miot; Vosges : 1♂, n.l., n.d. (6); Yonne : Forêt d'Othe [1] : 1♀, n.d.; Yvelines : Chaville : 2♀♀, n.d. (6); Saint-Germain : 2♂♂ - 1♀, n.d. (5); 5♂♂ - 1♀, n.d. (3); Saint-Germain, mare aux Ganes : 2♂♂, n.d. (3); Versailles : 2♂♂ - 7♀♀, n.d. (3); French specimens with more than one labels of origin : 1♀, n.d. (4); Yvelines : Chaville // Aube : La Bouillant. **Germany** : 1♂, n.l., n.d.; Bayern : Buchau : 1♂, 9.V.[19-]20 (Coll. A.v.d. Trappen, Stuttgart; in 8); Thüringen : Fri[e]drichroda : 6♂♂ - 2♀♀, --.VI.1880, A. de Borre. **Hungary** [Hongrie] : Torna : 1♀, n.d. (4). **Switzerland** : Genève, env.[-iron] de : 1♂, --.VII-VIII.1874, H. Tournier. **Undetermined origin** : Fbg. : 1♀, --.VII.1882 (5). **Unknown origin** : 3♂♂ - 1♀, n.d. (1); 2♂♂ - 1♀, n.d. (Coll. Van Volxem); 1♀, n.d. (but prior to 1885); 2♂♂ - 1♀, n.d. (4); 1♀, n.d., Reitter; 1♂ with an undecipherable label, n.d. (5).

Note : [1] : reported as in Aube on the label

Distribution : Europe : Belarus, Belgium, Bulgaria, Denmark, Finland, France, Grand Duchy of Luxemburg, Italy (North), Ireland, Netherlands, Norway, Poland, Spain, Sweden, United Kingdom. Elsewhere : China (North), Kazakhstan, Mongolia (North), Russian Federation (incl. Siberia). Erroneously reported from Israel and Japan.

Host plants : *Carex acutiformis* EHRH. (imagoes / flowers); *C. vesicaria* L. (larvae / roots), *C. rostrata* ST. (imagoes / flowers), *Eleocharis palustris* (L.) (ova / leaves; larvae and cocoons / roots), *Eriophorum angustifolium* L., *Schoenoplectus*, *Typha* sp.

58. *Donacia (Donaciomima) tuberculata* LACORDAIRE, 1845

North America : Am.[érique] bor.[éale] : 2♂♂, n.l., n.d. (1) (1♂ bears a label "Type"). **U.S.A.** [Etats-Unis] : 1♂, n.l., n.d. (1).

Distribution : North-East U.S.A. (see MARX, 1957 for details).

Host plants : *Peltandra virginica* (L.) (imagoes / leaves); *Sagittaria latifolia* WILLDENOW (imagoes / leaves and flowers).

59. *Donacia (Donaciomima) tuberculifrons* SCHAEFFER, 1919

Canada : Ontario : Ottawa : 1♂ - 1♀, 6.VI.1949, R. de Ruelle. **U.S.A.** : Illinois : 1♂ - 1♀, n.l., n.d. (1); Chicago : 1♀, n.d. (6); Missouri : 1♀, n.d.

Distribution : Canada (Southeast), U.S.A. (Northeast) (see ASKEVOLD, 1987a and MARX, 1957 for details).

Host plants : *Acorus calamus* L., *Carex*, *Scirpus paludosus* NELS., *Sparganium* sp. (*eurycarpum* ENGLM. ?), yellow pond lily.

60. *Donacia (Donaciomima) versicolore* BRAHM, 1790

Austria [Autriche] : 1♂, n.l., n.d. (5). France : 3♂♂, n.l., n.d. (10); France Or.[-iental] : 1♂, n.l., n.d. (7); Aube : Maraye[-en-Othe], mare dite le Seuillant : 4♂♂ - 9♀♀, 8.IX.1928 (5); 6♂♂ - 3♀♀, 8.IX.1928 (3); Troyes : 4♂♂ - 2♀♀, n.d. (3); Allier : Brouêt-Vernet : 1♀, n.d., H. du Buysson (5); Calvados : Caen, prairies de : 1♂, n.d. (4); Gironde : Gajac : 2♂♂ - 6♀♀, 8.IX.1907, / *Potamogeton* (5); 1♀, 1.IX.1907, / *Potamogeton* (5); 1♀, 6.IX.1908 (5); Haute-Vienne : Saint-Barbant : 1♂, 1.VI.1892, L. Mesmin (5); Hautes-Pyrénées : Maubourguet : 2♀♀, n.d., Haaz (7); Landes : Montfort[-en-Chalosse] : 1♂, n.d. (5); Loir-et-Cher : Blois, mares : 1♀, n.d. (4); Manche : Mortain : 2♂♂ - 3♀♀, n.d., R. Delaunay (6); Meuse : 1♀, --.VIII.1917, guerre 1917, tranchées (8); Paris : 1♀, n.d. (5); Paris, mare d'Auteuil [1] : 1♂ - 2♀♀, n.d. (5); 3♂♂, n.d. (3); 3♂♂, --.VII.1876 (3); Pyrénées-Orientales : Toulouse : 2♂♂ - 2♀♀, n.d., P. Sirguy (8); Val-de-Marne : Vincennes : 1♂ - 1♀, n.d. (6); 3♂♂, n.d. (3); Vincennes, bois de : 1♂, n.d. (5); 1♂ - 2♀♀, n.d. (3); Yvelines : Chaville : 1♂ - 1♀, --.VIII.1940, Perraudin (2 in 6); undetermined French Department : La ville-aux-dames : 1♂ - 1♀, 20.VIII.1871 (4); Venoix : 1♀, n.d., fossés (4); Cazaux [2] : 1♀, 5.VII.1908 (5); Le Bainsy : 2♀♀, n.d., E. Traizet (5). Germany : Berlin, umg.[-ebung] : 1♂, n.d., Jul. Arendt (5). Lithuania : Wilna : 1♂, n.d., Wankowicz (1). United Kingdom [Iles Britanniques] : 1♂, n.l., n.d., Th. Blackburn. Undetermined origin : 2♀♀, n.d. (4); 1♀, n.d. (7); 1♂, n.d.; 1♀, n.d., Roelofs; 2♀♀, n.d. (1).

Notes [1] : normally Auteuil; [2] : there is one locality in Ariège and the « Étangs de Cazaux et de Sanguinet » in Gironde; it could refer to the latter.

Distribution : occurs in a large part of the Palaearctic region, in Europe, at least in : Belarus, Belgium, Bulgaria, Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Spain, Sweden, United Kingdom. Elsewhere : Kazakhstan, Russian Federation (Kamchatka peninsula, Siberia).

Host plants : *Glyceria*, *Nymphaea*, *Potamogeton*

natans L. (larvae, imagoes), *Sagittaria*, *Sparganium*.

61. *Donacia (Donaciomima) vulgaris* ZSCHACH, 1788

Caucasus : ApeIIIb [=Areš; = Aresch] : 1♀, n.d.; 2♂♂, n.d., A. Schelkownikow (5). Czech Republic [Tchécoslovaquie] : Prague (environs) : 1♂ - 1♀, 16.V.1948, J. Bechyné; Bohême or.[-ientale] : Pribislav : 45 ex., 26.V.1948, J. Bechyné (including 1 ex. in 6); Moravie occ.[-identale] : Bohkalov : 1♂, 27.V.1948, J. Bechyné. France : 2♂♂, n.l., n.d. (10); Aube : Evry : 1♂ - 2♀♀, n.d. (3); Essonne : Montgeron : 1♂, n.d. (3); Hautes-Pyrénées : Tarbes : 1♂, n.d. (n° 3560) (7); Hauts-de-Seine : Meudon : 3♂♂, n.d. (3); Meudon, étang de Trivaux : 1♀, n.d. (3); Isère : 1♂, n.d., Poussiclgue (6); Landes : Montfort[-en-Chalosse] : 1♀, n.d. (5); Loir-et-Cher : Blois : 1 ex. [1], n.d., s/ *Typha* (4); Maine-et-Loire : Marans : 1♀, n.d., J. Hervé (8); Nord : Lille : 1 ex., n.d. (4); 2♀♀, n.d., Lettierry (n° 3560) (7); Paris : Auteuil : 1♂ - 1♀, n.d. (3); Val-de-Marne : Choisy[-le-Roi] : 1♂, n.d. (6); Sucy-en-Brie : 1♂, n.d. (3); Yvelines : Chaville : 2♀♀, n.d. (6); 1♀, n.d. (3); Versailles : 1♂ - 2♀♀, n.d. (3); undetermined French Department : Béthune [2] : 1♂, n.d. (10); Étang de Vaugr[?]n[?] : 1♂, 15.II.1948, P. Gauret; « Parc Raudon » : 1 ex., 2.VI.1921 (6). Germany : 1♂, n.l., n.d., Reitter (8); München : 1♀, n.d. (5). Hungary [Hongrie] : Torna : 1♀, n.d. (4). Lithuania : Wilna : 1♂, n.d., Wankowicz. Sicily [Sicile] : 1♂, n.l., n.d. (1). Spain [Espagne] : 1♂, n.l., n.d. (1). Undetermined origin : 1♂, n.d., E. Coblentz; 1♂, n.d. (1).

Note : [1] : the specimen lacks on the mounting card, however if one refers to other identified specimens of the Fauvel collection, the specific identification can certainly be trusted; [2] : there is Béthune in Pas-de-Calais (marshy region in the past) and Béthune in Sarthe (close to a lake).

Distribution : large area over the Palaearctic region, in Europe at least in : Balearic Islands, Belarus, Belgium, Bulgaria, Caucasus, Corsica, Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Sardinia, Sicily, Spain, Sweden, United Kingdom. Elsewhere : Algeria (North), China (North-East), Iran (North), Japan (Hokkaido, Honshû), Kazakhstan (ssp. *issykensis* JACOBS), Kirgizstan, Mongolia (North), Morocco (North), Russian Federation (incl. Altai, Trans-Baikal, Kuril, Primorskiy, Sakhalin, Siberia), Tadzhikistan.

Host plants : *Acorus calamus* L., *Carex lasiocarpa* E., *Carex gracilis* CURTIS, *Carex rostrata* ST., *Iris pseudacorus* L., *Schoenoplectus* sp., *Sparganium erectum* L., *S. glomeratum* (imagoes), *S. japonicum* (imagoes), *Typha angustifolia* L. (imagoes, larvae), *Typha latifolia* L. (imagoes, larvae). Larvae reported on *Carex*, *Glyceria*, *Scirpus lacustris* L.

62. *Donacia (Donaciomima) sp.*

France : Calvados : Lébisey : 1♀, n.d. (4).

This specimen shares some phenotypic similarities with *Donacia simplex* F., however some differences occur, more specially regarding the pronotum (general shape and puncture); for the moment, the author can not identify it to specific level.

63. *Donacia (Donaciomima) sp.*

Caucasus : ApeIIIb [=Ares; Aresch] : 1♂, n.d.

This specimen has been erroneously identified as *D. linearis* HOPPE [=*D. simplex* F.]. Its general aspect is quite similar to the male of *D. sparganii*, *D. subtilis* or *D. confluenta*; and its pronotum reminds *D. marginata*'s. Hind femurs are inerm and very netly curved.

64. *Donaciasta garambana* JOLIVET, 1972

Democratic Republic of Congo : Congo belge, Parc National de la Garamba (P.N.G.), Mission H. DE SAEGER : 27.VI.1951 : 1♀ [+ 1 ex. in R.M.C.A.], n° 1986, II/gd/10, collected on the leaves of *Thalia welwitschii* RIDLE; 12.VII.1951 : 1♀, n° 2059, II/ge/13s, pool with marshy border, by sweeping paludal herbaceous stratum, 8-11 AM; 21.VIII.1951 : 1♀, n° 2299, II/if/9, highly degraded gallery forest, by sweeping herbaceous stratum, muddy illuminated part : ferns, Cyperaceae, *Impatiens*, *Jussiaea*, 3-5 PM; 3.IX.1951 : 1♀, n° 2361, II/gc/13s, border of a pool, by sweeping paludal herbs, 10-11 AM; 4.X.1951 : 1♀, n° 2511, II/gd/11, low flowing water, marshy expansion, muddy border, picking up with water net; 4.X.1951 : 3♀♀, n° 2516, II/gd/11, marshy expansion, non paludal border, by sweeping herbaceous stratum, 8-11 AM; 30.XI.1951 : 1♀ [+ 8♀ in R.M.C.A.], n° 2821, II/gd/11, marshy expansion, dense paludal vegetation, in muddy parts and in dried parts, between the tufts of herbs, 8-12 AM; 17.VII.1952 : 1♀, n° 3854, II/fe/5 [1], savana of valley, near the banks, *Sporobolus pyramidalis*, microfauna of spikes; 24.VII.1952 : 1♀, n° 3862, II/gd/11, marshy meadow with Cyperaceae, sweeping, 11 AM - 1 PM; 4.VIII.1952 : 6♀♀, n° 3878, II/gc/10, brook, marshy border, sweeping of paludal and aquatic herbs, 8 - 11 AM; 16.IX.1952 :

3♀♀, n° 4057, II/ge/7 [2], marsh with *Jussiaea*, sweeping paludal herbaceous stratum, 9-12 AM; 26.IX.1952 : 1♀, n° 4084, II/gd/16 [3], marsh with *Thalia*, sweeping paludal herbs, illuminated environment, 8 - 12 AM.

Material preserved in the Royal Museum of Central Africa (R.M.C.A., Tervuren) : Congo belge, Parc National de la Garamba (P.N.G.), Mission H. DE SAEGER : 15.IX.1951 : 1♀, Holotype, n° 2425, II/gd/10, barse course low flowing river, water depth : 0.20 m; water pH : 6,2; marshy border, abundant paludal vegetation, mainly Cyperaceae and Marantaceae, picking up with water net, 2 - 5 PM; 12.VII.1951 : 2♀♀, n° 2059, II/ge/13s, pool with marshy border, sweeping of paludal herbs, 8 - 11 AM; 27.VI.1951 : 1 ex, n° 1983, II/gd/10, marshy field, humid ground, picking up in the water or on the mud; 3.X.1950 : 1 ex, n° 866, I/o/2, herbaceous savana, sweeping; 6.XII.1951 : 1 ex., n° 2873, II/gd/10, small brook with bare course, amongst the riparian herbs, picking up, 8 - 12 AM; 16.VIII.1952 : 1 ex., n° 3944, II/jd/9, gallery forest, sweeping of herbs and shrubs, 10 - 12 AM; 6.III.1951 : 1 ex., n° 1328 [4], II/fd/4, savana that burned 2 months before, picking up under a dead *Ficus*; 8.VIII.1952 : 1 ex., n° 3909, II/gd/10, brook with bare course, sweeping paludal and heliophilous herbaceous vegetation, 2 - 5 PM; 28.XII.1951 : 1 ex., n° 2967, II/gd/10, small brook with bare course, picking up on paludal herbs on the banks, wet ground but not muddy; 30.VIII.1952 : 1 ex., n° 3992, Pp. K. 1/6, grassy savana, sweeping herbaceous stratum between marsh and bushy savana.

All the material was collected by H. De Saeger, less n° 866 by G. Demoulin; 1328, 1983, 1986 by J. Verschuren.

Notes : [1] : II/fe/5 on the label, but II/fc/5 in DE SAEGER's publication; [2] : II/gc/7 in the publication; [3] : II/gd/10 in the publication; [4] : 1328 must be wrong a n° : described biotope is atypical of donaciines and the specimen is supposed to have been collected on 3.III.1951.

This species (and the following one) was described in 1972 by the French scholar P. JOLIVET; the present, examined series was identified by him in 1966. According to the provided data (1972 : 55), 60 specimens made this series : 1 holotype and 59 paratypes, all from the « Parc National de la Garamba » (P.N.G.) [Congo belge] : 15.IX.1951, II/gd/10, DE SAEGER, n° 2425. The examination of the series of types preserved in Brussels' and Tervuren's Museum showed that these specimens result, indeed, from more than twenty occurrences throughout the years 1950, 1951 and 1952, and this gives an idea of the imaginal phenology of *D. garambana*, being active during the second half of the year,

during 6 months, at least. JOLIVET came to state (1972 : 55) in his conclusions, that : « *La courte apparition saisonnière des imagos est peut-être la raison de la rareté de ces insectes dans les collections* ». If, as a matter of fact, *Donaciasta* specimens are rare in collections, this can not be attributed to their phenology which is, as just demonstrated, rather long. However, it remains impossible, for the moment, to assess the abundance of *Donaciasta* species in Subsaharian Africa, and, generally speaking, of other Donaciinae in that part of the world. The present author is not certain that species of this subfamily are rare in the Afrotropical region. Their rarity in collections may rather mirror a lack of systematic entomological prospections in potential sites (rivers' shores, swamps, lakes, etc.); it is quite sure that, provided one gives African wetlands a chance, other observations of donaciines will be made.

Equally important is the existence, on specimens' label, of codes that refer to exact location of captures inside the Parc and to eco-biological data, such as the environment, host plant, way and hours of collection, etc.; data that were published by DE SAEGER (1956). Since few things are known about the ecology of *Donaciasta*, one finds it interesting to translate and reproduce them here.

65. *Donaciasta monrosi* JOLIVET, 1972

Democratic Republic of Congo : Congo belge, Parc National de la Garamba (P.N.G.), Mission H. DE SAEGER : 12.VII.1951 : 1♂, n° 2061, II/gd/8, around a spring, lightly planted with trees, sweeping paludal herbaceous stratum, 5 PM; 4.X.1951 : 1♂, n° 2511, II/gd/11, low flowing water, marshy expansion, muddy border, picking up, water net ; 4.X.1951 : 1♂, n° 2516, II/gd/11, marshy expansion, sweeping non paludal herbaceous stratum, 8 - 11 AM; 13.XI.1951 : 1♂, n° 2757, II/gc/11, dense vegetation, sweeping paludal herbs, 7 - 11 AM; 30.XI.1951 : 6♂♂ [+ 7♂♂, including Holotype, in R.M.C.A.] , n° 2821, II/gd/11, marshy expansion, dense paludal vegetation, muddy parts and dried parts, picking up between the tufts of herbs, 8 - 12 AM ; 11.VII.1952 : 1♂, n° 3774 [1], II/id/9, brook with highly degraded gallery forest, sweeping in dead trees.

Material preserved in the Royal Museum of Central Africa (R.M.C.A., Tervuren) : Congo belge, Parc National de la Garamba (P.N.G.), Mission H. DE SAEGER : 4.VIII.1952 : 1 ex., n° 3878, II/gc/10, stream with bare course, marshy border, sweeping paludal and aquatic herbs, 8 - 11 AM; 26.IX.1952 : 1

ex., n° 4084, II/gd/16, marsh with *Thalia*, illuminated environment, sweeping paludal herbs, 8 - 12 AM; 11.VII.1952 : 1 ex., n° 3773, II/id/9, brook with highly degraded gallery, sweeping paludal herbaceous stratum, 10 - 12 AM; 10.IV.1952 : 1 ex., n° 3412 [2], II/gd/11, small marshy valley, picking up, in the superficial part of the ground. All the material was collected by H. DE SAEGER.

Also preserved in R.M.C.A.'s collections and from the « Parc National de la Garamba » are some specimens not seen by JOLIVET, and consequently which are not « paratypes », but that were identified by ASKEVOLD in 1988 as *Donacia goeckei* : Congo belge, P.N.G. : Napukumweli, « Ndiwili », 8.VIII.1950 : 1 ex., n° 747, picking up in water, 10 AM; 21.VI.1951 : 1 ex., n° 1953, II/gc/13s, permanent pool, water pH : 6.5, water T° : 26,5° C., picking up water net; 23.VIII.1951 : 1 ex., n° 2314, II/gd/11, marshy expansion, sweeping low paludal herbaceous stratum, 2 - 4 PM; 11.XI.1951 : 1 ex., n° 2883, II/gc/10, stream with bare course, low flowing water, water depth : 10-15 cm, collected in the muddy parts, water net, 8-12 AM. All were collected by H. DE SAEGER, less n° 747 by G. DEMOULIN.

Notes : [1] : could be a wrong n° : unusual biotope for donaciines and notes refers to a xylophagous species; [2] : there is perhaps a mistake in label's code because it refers to an observation n° 486 related to *Glossina*.

JOLIVET (1972 : 55) described this species (erroneously presented under the generic name of *Donacia*) from a series of 34 specimens (1 holotype and 33 paratypes) from the Parc National de la Garamba (P.N.G.) [Congo belge] : 30.XI.1951, n° 2821, II/gd/11, DE SAEGER.

Here too, just as for the preceding taxon, the types specimens come from several occurrences during the years 1951 and 1952, and the imaginal phenological data exhibit a much longer longer period of activity that the one given by JOLIVET : 5 or 6 months during the second half of the year.

When describing the taxon *monrosi*, JOLIVET (*op. cit.*) stated that it could be, later, synonymized with *garambana*; indeed, this is likely to be the case. Aside from an illustration of the aedeagus of *D. monrosi* (p. 52), no allusion was provided by him concerning the sex of specimens amongst the two described taxa. As easily seen in the above given data, the taxon *garambana* is only made of females whereas only males compose the taxon *monrosi*; is that purely fortuitous? It seems that *monrosi* specimens are just the males of the taxon *garambana*.

In 1990, ASKEVOLD considers that both taxa, *garambana* and *monrosi*, are synonyms of *Donaciasta goeckei* MONRÓS, 1958; quite

surprisingly, the term « new synonymy » does not follow the names of the two taxa (p. 648), but if one refers to information provided in the paragraph « Taxonomic history » (p. 646), as well as to the way the species are presented in the text (pp. 647-648) and in the index of taxa (in italic, p. 663), the synonymies with *goeckei* are implicit. One ignores the criteria ASKEVOLD used for the establishment of these synonymies, but one knows that he reviewed the types of African *Donaciasta* (for *garambana* and *monrosi*, only the type material preserved in the Royal Museum of Central Africa, in Tervuren, Belgium, was seen by him in 1988 and identified as *Donaciasta goeckei* MONRÓS, 1958, not the one in Brussels' Museum); the American scholar makes also allusion to one of his manuscripts (A restudy of the austral genus *Donaciasta* Fairmaire (Coleoptera : Chrysomelidae : Donaciinae) : systematics, reconstructed phylogeny, and geographic history), that remains unpublished but may contain the wanted answers.

The present author has examined neither the type of *Donaciasta goeckei* nor any other specimens of that taxon. If I do not adopt the synonymies of ASKEVOLD, it is not that I reject them, but simply I can not take position on it for the moment, preferring to let the data accumulate.

From the present data, it is apparent that *Donaciasta*, as for other Donaciinae species, lives in wet lands, being predominantly observed in the herbaceous stratum of marshy areas and pools as well as in the riparian vegetation of low flowing streams. As for their food plants things can not yet be determined with certitude and identified plants may give an indication; most specimens were collected on herbs, Poaceae and Cyperaceae. Adults were observed in environments associated with *Impatiens* (Dico., Balsaminaceae) and the creeping water primrose : *Jussiaea* (Dico., Onagraceae; *J. repens* L. is a common species in swamps and peat bogs in Congo); and were collected on the leaves of *Thalia* (*welwithschii* RIDLEY) (Mono., Marantaceae) and on the spikes of giant rats tail grass : *Sporobolus pyramidalis* P. BEAUV. (Mono., Poaceae).

ASKEVOLD (1990 : 647) reports that *Donaciasta* species « are associated with the plants *Potamogeton*, *Trapa natans* L. and possibly *Nymphaea*, as indicated by the few available host records »; if *Donaciasta* species would be restricted to floating plants, as ASKEVOLD (*loc. cit.* : 617) thinks, it is surprising that their thoracic and abdominal pubescence is

not much more dense and longer than they are, as amongst other members of that subfamily that live on floating plants. In fact, *Donaciasta*'s pubescence is shorter and less dense than in *Plateumaris*, a group mainly occurring in swampy environments. If one refers to the data presented here, it seems that *Donaciasta* may prefer marshy areas and plants.

Regarding the geographic distribution : if the *Donaciasta* described by JOLIVET are valid taxa, they remain located in the Democratic Republic of Congo (North-East); but if they are synonyms (together with *quioca* MONRÓS, 1958 and *capensis* MONRÓS, 1958) with *D. goeckei*, as ASKEVOLD states it, then the range of its distribution includes : Angola, Burundi (Mugera : 1♂, end 1965, J.J. Rwabunzeza, I.S. Askevold, det. 1988, in R.M.C.A.), Democratic Republic of Congo, ex-Rhodesia, South Africa (Natal) and Uganda.

To close these data on the *Donaciasta*, here is the remaining material preserved in the R.M.C.A. : *Donaciasta luridiventris* LACORDAIRE, 1845 : Rwanda [= Ruanda]: Gitamara, terr. Nyanza : 1♀, I-1953, [alt.] 1850 m, P. Basilewsky leg., G.E. Bryant, det. 1954 [1]. *Donaciasta perrieri* FAIRMAIRE, 1901 : Madagascar : Soalala : 1♀, Paratype, n.d., Perrier leg., Fairmaire det., prépar.[ation] microsc.[opique] n° 1 [1]. *Donaciasta quioca* MONRÓS, 1958 : Angola : Dundo : 1♀, Holotype, VI-1949, D' A. De Barros Machado leg., Monrós det. 1957, rev. I.S. Askevold, 1988 (ident. by the latter as *D. goeckei*).

Note : [1] : specimen not reviewed by ASKEVOLD.

66. *Donaciella cinerea* (HERBST, 1784)

Czech Republic [Tchécoslovaquie]: Prague (environs) : 2♂♂ - 3♀♀, 16.V.1948, J. Bechyné; Bohême or.[-ientale] : Plvibyšla : 16♂♂ - 14♀♀, 12.VI.1947 (6); Pribislav : 22♂♂ - 11♀♀, 26.V.1948, J. Bechyné (including 9 ex. in 6); Moravie occ.[-identale] : Bohkalov : 1♂, 27.V.1948, J. Bechyné. France : Calvados : Falaise : 1♂, n.d. (4); Essonne : Montgeron : 1♂, --.VI.-- (4); Haute-Marne : 1♀, n.l., n.d., P. Sirguey (8); Chevillon : 1♀, 5.VI.-- (8); Hauts-de-Seine : Meudon : 1♂ - 3♀♀, n.d. (5); 3♂♂, n.d. (3); Meudon, bois de : 2♂♂ - 3♀♀, n.d. (3); Meudon, étang de Trivaux : 7♂♂ - 8♀♀, n.d. (3); Hérault : Montpellier : 1♂, n.d. (5); 1♂ - 2♀♀, n.d. (3); Loire : Lizerieux : 1♂ - 2♀♀, n.d., G. Audras (8); Loire-Atlantique : Oudon, étang de Rio : 1♀, n.d. (4); Loiret : Gien : 1♂, n.d. (4); Marne : Reims : 2♂♂, --.1880; 2♂♂ - 1♀, --.1888, J. Havenith *vendit.*; Nord : Lille : 1♂, n.d. (5); Paris : 1♂ - 3♀♀, n.d. (n° 5903) (7); Rhône :

Lyon : 1♂, n.d. (9); Sarthe : Le Mans : 3♂♂ - 1♀, n.d. (6); Seine-et-Marne : Nemours : 1♂, n.d. (6); Val-de-Marne : Vincennes, gravelle : 1♂, n.d. (4); Vincennes, bois de : 1♂, n.d. (5); Yvelines : Chaville : 2♂♂, n.d. (10); Saint-Germain : 1♂, n.d., F. Lombart (5); undetermined French Department : Aube [1] : 1♂, n.d. (4); Aube [2] : 1♂, n.d. (4); Étang des Fonceaux : 1♂, n.d. (5). **Germany** [Prusse] : 1♂ - 1♀, n.l., n.d. (6). **Lithuania** : Wilna : 3♂♂ - 1♀, n.d., Wankowicz. **Netherlands** [Hollande] : 18♂♂ - 11♀♀, n.l., n.d. (10). **Unknown origin** : 1♂ - 1♀, n.d., Roelofs; 3♂♂ - 2♀♀, n.d. (1); 5♂♂ - 1♀, n.d., Le Blanc (5).

Notes : [1] : there is one such toponym in Haute-Garonne, one in Gers and one Tarn-et-Garonne; [2] : the name of a Department as well as of a locality in Moselle and in Orne, but it certainly refers to the Department.

Distribution : Europe : Alps, Balkans, Belarus, Belgium, Bulgaria, Caucasus, Denmark, France, Germany, Grand Duchy of Luxemburg, Greece, Hungary, Ireland, Italy, Netherlands, Poland, Spain, Sweden (South), Switzerland, United Kingdom. Elsewhere : Iran (North), Kazakhstan, Russian Federation (Siberia), Uzbekistan.

Host plants : *Carex* sp. (larvae / roots), *Phragmites australis* (C.), *Sparganium* sp., *Typha angustifolia* L., *T. latifolia* L. (larvae / roots; imagoes / leaves).

67. *Donaciella clavipes* (FABRICIUS, 1792)

Czech Republic : Prague (environs) : 12♂♂ - 3♀♀, 16.V.1948, J. Bechyně. **France** : 1♂ - 3♀♀, n.l., n.d. (10); Aisne : Villers-Cotterêts : 1♂, n.d. (4); Allier [3] : 1♂, n.d. (5); Cher : Bourges : 2♂♂, n.d., H. du Buysson (5); Essonne : Lardy : 2♂♂ - 1♀, n.d. (3); Eure : La Vacherie p. Troyes : 11♂♂ - 6♀♀, 20.V.1873, M. Le Brun; Troyes : 2♂♂ - 3♀♀, n.d., M. Le Brun; Hauts-de-Seine : Meudon, étang de Trivaux : 1♂, n.d. (4); Maine-et-Loire : Saumur : 2♂♂ - 2♀♀, n.d., Lamb. (7); Manche : Bouillon : 3♀♀, n.d. (3); Jullouville : 3♂♂, n.d. (5); Yvelines : Chaville : 1♂ - 3♀♀, n.d. (5); Chaville, étang Colin-Porche : 8♂♂ - 1♀, n.d. (5); 7♂♂ - 5♀♀, n.d. (3); 2♂♂ - 1♀, --.III.1882 (3); 3♂♂, n.d., Brisemiche (3); 2♂♂ - 1♀, --.IV.1881, Brisemiche (3); Rueil-Malmaison, étang de Saint-Cucufa : 11♂♂ - 11♀♀, n.d. (5); 6♂♂ - 3♀♀, --.V.1917 (5); 1♂ - 1♀, --.1917 (5); undetermined French Department : Bellevue [4] : 2♂♂ - 1♀, n.d. (10); Morrcut : 1 ex, --.V.1923, Faucillon (8); 1 ex., n.d., Faucillon (8); Cdeu, Vieille Rivière : 1♂, n.d. (4); Orne ou Calvados : « orrir » : 1♂, n.d. (4); Bruyères de Calloué : 1♀, n.d. (4); Malmaison [2] : 1♂, --.V--

(5); French specimens with several labels of origin : 1♂, n.d. (4); Rhône : Lyon // Savoie : Saint-Pierre-d'Albigny. **Germany** : Bradenburg : Spreewald : 1♀, n.d., v. Rothkirch (ex. Standing; 8); Saxon : Vogtland : 1♂, n.d. (ex. Stanting; 8). **Switzerland** : Wallis [1] : 2♀♀, n.d.; 1♂ - 1♀, n.d. (n° 270 st) (5). **Undetermined origin** : « Porsomy » : 1♀, n.d. . **Unknown origin** : 2♀♀, n.d. (4); 1♀, n.d. (Coll. F. Reiber); 1♂ - 2♀♀, n.d.

Notes : [1] : one presumes that it refers to the Swiss territory of Wallis (Valais in French) and not to the name of a collector; [2] : there are La Malmaison in Aisne and in Doubs; and Rueil-Malmaison in Yvelines; [3] : name of a Department and a locality in Hautes-Pyrénées, but it probably refers to the former; [4] : see note [5] at *Donacia impressa*.

Distribution : Europe : Alps, Balkans, Belarus, Belgium, Caucasus, Denmark, Finland, France, Germany, Grand Duchy of Luxemburg, Hungary, Italy, Ireland, Netherlands, Norway, Poland, Portugal, Sardinia, Spain, Sweden, United Kingdom. Elsewhere : Minor Asia, China (Manchuria), Kazakhstan (East), Kirgizistan, Mongolia (ssp. *glabrata* SOLSKY, 1872), Russian Federation (incl. Siberia).

Host plants : *Alisma plantago-aquatica* L., *Cladium mariscus* (L.), *Eleocharis palustris* (L.), *Eriophorum angustifolium* H., *Menyanthes* spp., *Phalaris arundinacea* (L.), *Phragmites australis* (CAV.) (ova / leaves, stems; larvae, cocoons / roots and base of stems; imagoes : young leaf shoots) *Phragmites communis* L., *Sparganium* spp.

68. *Donaciella tomentosa* (ARHENS, 1810)

Caucasus : ApeIIIb [=Aresch; Aresch] : 3♀♀, n.d. (5); Aresch : 4♂♂ - 2♀♀, n.d. (5); 3♂♂, n.d. (3); 2♂♂, n.d., Schelkownikow (5). **France** : Fr.[-ance] mér.[-idionale] : 1♂, n.l., n.d. (5); Essonne : Montgeron : -.VII.-- (4); Gironde : Cussac[-Fort-Médoc] : 3♂♂ - 1♀, --.VII.1917 (2 in 6); Haute-Saône : 2♂♂ - 2♀♀, n.d. (n° 6002) (7); Loir-et-Cher : Blois, mares C : 1♂, n.d. (4); 1♀, n.d., s/ *Butomus umbellat.*[-us] (4); Loire-Atlantique : Saint-Herblain (Loire Inférieure) : 1♂, n.d. (4). **Herzegovina** : 1♂ - 1♀, n.l., n.d. (6). **Russian Federation** : Jaroslavl : 2♂♂ - 3♀♀, n.d., Kokouyew; 1♀, n.d. . **Turkmenistan** : Ašchabad : Geo-Tapa [1] (Transcaucasie) : 6♂♂ - 3♀♀, n.d. (5). **Unknown origin** : 1♂, n.d. (Standing; 8); 4♂♂ - 1♀, n.d. (4); 1♀, n.d. (1).

Note : [1] : = Geok-Tepe.

Distribution : Europe : Belarus, Belgium,

Bulgaria, Caucasus, Finland, France, Germany, Grand Duchy of Luxemburg, Italy, Netherlands, Poland, Sweden. Elsewhere : Kazakhstan, Russian Federation (Altai, West Siberia), Uzbekistan.

Host plants : *Arundo*, *Butomus umbellatus* L., *Sagittaria*.

69. *Macrolea appendiculata* (PANZER, 1794)

France : Moselle : Metz : 1♂ - 1♀, --VII.1869 (10); 3♂♂ - 3♀♀, --III.1870 (10). Hungary [Hungaria] : 3♀♀, n.l., n.d.[1]. Undetermined origin : helv. : 1♀, n.d. (10). Unknown origin : 1♀, n.l., n.d., (Rt. 6), (9).

Additional material to the one already published in LAYS (2002a). Note : [1] : these Hungarian specimens have been recently identified by K. VIG, in 2001.

70. *Macrolea mutica* (FABRICIUS, 1792)

France : 1♀, n.l., n.d. (10). Poland : Dantzig : 1♂, n.d. (9).

Additional material to the one already published in LAYS (2002a).

71. *Plateumaris consimilis* (SCHRANK, 1781)

France : 4♂♂ - 3♀♀, n.l., n.d. (10); Landes : Dax : 25 ex., n.d. (10).

Additional material to the one already published in LAYS (2002b).

72a. *Plateumaris rustica* taxon *affinis* (KUNZE, 1818)

France : 5♂♂ - 3♀♀, n.l., n.d. (10).

Additional material to the one already published in LAYS (2002b).

72b. *Plateumaris rustica* taxon *rustica* (KUNZE, 1818)

Netherlands [Hollande] : 1♂, n.l., n.d. (10).

Additional material to the one already published in LAYS (2002b).

73. *Plateumaris sericea* (LINNAEUS, 1761)

France : 7♂♂ - 2♀♀, n.l., n.d. (10); Landes : Dax : 1♂, n.d. (10). Undetermined origin : Alman. : 12♂♂ - 5♀♀, n.d. (10).

Additional material to the one already published in LAYS (2002b).

74. *Sominella reticulata* (GYLLENHAL, 1817)

= *Donacia appendiculata* AHRENS, 1818 [ASKEVOLD, 1990 : 640]

Austria : Styria : 1♂ - 3♀♀, n.l., n.d., Reitter (8). France : 1♂ - 1♀, n.l., n.d. (10); Alpes-Maritimes : Biot : 1♂, 9.VI.1946, P. Gauret; Nice : 1♂ - 1♀, n.d. (n° 2516) (5); Bas-Rhin : Strasbourg : 1♂ - 2♀♀, n.d. (8); Calvados : Falaise [1] : 1 m, n.d. (4); Dordogne : Périgueux : 3♂♂, n.d., J. Havenith *vendit.*; Ribérac : 1♂, --VI.--, (4); Essonne : Montgeron : 1♂, 16.VII.1869, / *Sparganium ramosum* (4); Eure-et-Loire : Hanches : 2♂ - 7♀♀, n.d., Gervais (5); Gironde : Bordeaux : 1♀, n.d., Roellofs; Haute-Marne : Chassigny : 27♂♂ - 16♀♀, n.d. (5); 3♂♂ - 1♀, n.d. (6); 8♂♂ - 11♀♀, n.d. (3); Neuilly-l'Évêque : 1♀, n.d. (6); Hautes-Pyrénées : Tarbes : 1♂ - 3♀♀, n.d. (n° 1849) (7); Hauts-de-Seine : Meudon (Bois de) : 1♂ - 2♀♀, n.d. (n° 2298) (6); 1♂, n.d. (10); Isère : Fontaine : 1♂, n.d. (6); Grenoble : 1♂ - 3♀♀, n.d. (5); Landes : Dax : 1♀, n.d. (10); Monfort[-en-Chalosse] : 3♂♂, n.d. (5); Pyrénées-Atlantique : Bayonne : 1♂ - 2♀♀, n.d. (10); Seine : « Vi[n ?]oflay », Étang des Écrevisses : 1♀, --VII.1920 (5); Loiret : Briare : 1♀, --VII.1942 (6); Savoie : Chambéry : 1♀, n.d. (4); Yvelines : Chaville : 1♂ - 1♀, n.d. (6); Chaville, étang des Écrevisses : 1♂, n.d. (5); 2♂♂ - 2♀♀, n.d. (3). Undetermined French Department : Béthune [2] : 15♂♂ - 6♀♀, --VII.1889 (10). Italy : Lombardy [Lombardie] : 1♀, n.l., n.d., J. Havenith *vendit.* Sicily [Sicile] : 1♂, n.l., n.d. (1). Slovenia : Krain : 1♂, n.d. Unknown origin : 2♂♂ - 2♀♀, n.d. (4); 1♀, n.d.; 1♂ - 1 ex., n.d., Roellofs; 1♀, n.d. (10).

Note : [1] : regarding the locality of Falaise, there is one in Calvados and one in Ardennes; the name of the Department never appears on the label, however, old bibliographical data (from BEDEL, 1889-1901 for instance) always refers to the locality situated in Calvados; [2] : there is Béthune in Pas-de-Calais (marshy region in the past) and Béthune in Sarthe (close to a lake).

Distribution : Western Europe (with a higher occurrence in its meridional part) : Algeria (North), Austria, Belgium, Czechoslovakia, France, Germany, Grand Duchy of Luxemburg, Italy, Netherlands, Poland, Portugal, Sicily, Spain.

Host plants : *Carex*, *Sparganium erectum* L., *Typha latifolia* L.

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