

The works of P.F.M.A. Dejean, with emphasis on publication dates and new carabid taxa proposed

YVES BOUSQUET

Biodiversity – Invertebrate Systematics, Agriculture and Agri-Food Canada, Ottawa (Ontario) Canada, K1A 0C6

Abstract. Dates of publication of all entomological books published by Dejean and authorship of the new taxa first validated in these works are clarified. Evidence is presented that in Latreille and Dejean's (1822-26), *Histoire naturelle et iconographie des insectes Coléoptères d'Europe*, Dejean is the author of the new species-group taxa described and Latreille is the author of the new genus-group taxa; the new species validated through illustrations are credited to Latreille and Dejean. Evidence also indicates that Dejean alone is responsible for the new taxa proposed in the first two volumes of Dejean and Boisduval's *Iconographie et histoire naturelle des coléoptères d'Europe* and that these two volumes were published from 1829 to 1832. Several new taxa usually associated with this publication were in fact originally validated in volume 5 of Dejean's *Species général des Coléoptères* published in 1831. Several of the genus-group taxa (Languriidae, Erotylidae, Endomychidae, Coccinellidae) first validated in Dejean's (1833-36) second catalogue of his beetle collection are to be credited to Chevrolat from that publication.

Résumé. L'auteur précise les dates de publication des livres entomologiques publiés par Dejean ainsi que la paternité des nouveaux taxa validés pour la première fois dans ces ouvrages. Il montre que dans l'ouvrage de Latreille et Dejean (1822-26), *Histoire naturelle et iconographie des insectes Coléoptères d'Europe*, Dejean est l'auteur des noms de groupe-espèce et Latreille l'auteur des noms de groupe-genre; les nouvelles espèces validées par association avec les illustrations du livre doivent être attribuées à Latreille et Dejean. Il établit également que Dejean est l'unique auteur des nouveaux taxa validés dans les deux premiers tomes d'*Iconographie et histoire naturelle des coléoptères d'Europe* de Dejean et Boisduval et que ces deux volumes furent publiés entre 1829 et 1832. Plusieurs nouveaux taxa généralement associés à cette publication furent en fait validés pour la première fois dans le cinquième volume du *Species général des Coléoptères* de Dejean publié en 1831. Plusieurs nouveaux taxa du groupe-genre (Languriidae, Erotylidae, Endomychidae, Coccinellidae) validés pour la première fois dans le second catalogue des Coléoptères de Dejean (1833-36) doivent en fait être attribués à Chevrolat à partir de cette publication.

Introduction

Count Dejean was, without doubt, a key figure in entomological circles in France and Europe in the first part of the nineteenth century. His publications, in particular the catalogues of beetle species in his collection, considerably influenced his fellow coleopterologists. Incidentally, Barber and Bridwell (1940: 1) wrote about the last edition of Dejean's catalogue: "We are convinced that increase in knowledge of Coleoptera has been influenced more by the Dejean Catalogue than by any other single volume known to us."

From 1821 to 1837, Dejean proposed many new genus-group taxa in a large number of beetle families and also described many new species-group taxa in the family Carabidae.

Several publications have dealt with authorship of taxa and date of publication of some of Dejean's works. Nevertheless, there are discrepancies and uncertainty about some of these issues. The purpose of this paper is to examine Dejean's publications, all being books, that are taxonomically important. The few publications by Dejean not treated here, all published in journals, do not contain new taxa. Dejean was well-known to disapprove of the publication of isolated descriptions of taxa and often ignored the names so proposed.

Most dates of publication listed here are inferred from *Bibliographie de la France* (1811-date), which was primarily published once a week and gave dates of receipt of publications deposited in the *Bibliothèque Nationale de France* (Evenhuis 1997: 30). The dates recorded in the journal are probably within two to three weeks of actual publication (Madge 1988: 318).

Biographical Notes

Pierre François Marie Auguste Dejean was born 10 August 1780 at Amiens, a manufacturing city in the Somme Department, about 115 kilometres north of Paris. His father, Jean-François Aimé, comte Dejean [1749-1824], was a military officer and played an important role in the political arena of France; he became minister of administration of war under Napoleon Bonaparte (Tranié 2001: 280). It is known that Dejean was interested in entomology by the age of 13 and that at the time he collected mainly Lepidoptera, together with André Marie Constant Duméril [1774-1860] who was six years his senior. However, shortly after these first entomological steps, Dejean decided to devote his leisure to studying Coleoptera. By age 15, *Citoyen Dejean* enrolled in the army and until 1815 participated in a series of campaigns that brought him to several countries including Spain, Portugal, Germany and Russia. At Waterloo, in June 1815, he stood as general of division and aide-de-camp to Napoleon Bonaparte. By that time, he had acquired both wealth and power, as did all the generals that fought for the Emperor.

Dejean was a beetle collector and, despite his military obligations, continued to build his collection, both through his own collecting in countries where his military activity took him, and by exchanges he made or gifts he received. Even on a battlefield, he kept his eyes open for interesting specimens. As his youngest daughter wrote in the preface of one of her poetry books (Emma Mahul 1869), "*Lui même il racontait que pendant la bataille [battle of Alcanizas, Spain, in 1809] arrêtant son cheval au fort de la mitraille il fixait à son casque un insecte léger [it was a specimen of *Cebrio*] puis de nouveau courait au devant du danger.*" This anecdote is reported in every biography of Dejean although it differs in several significant details from one another.

With the fall of Napoleon, in June 1815, Dejean, like most of the Emperor's generals, found himself proscribed and with a price on his head. He left France and for the next three years, most of the time travelling on foot accompanied by a servant, collected in the eastern parts of the Austrian empire, visiting successively Carinthia, Carniola, Croatia, and Dalmatia. He was about to leave for Hungary when he learnt that political disabilities were removed in his native country. So, by the end of 1818, Dejean had returned to Paris. From then, he probably spent most of his time working on his collection and publications, though he must have participated in the political activities of France as he became a member of the *Chambre des Pairs* in 1824. He also returned to military service, at least for a short period,



FIGURE 1. Portrait of Count Pierre François Marie Auguste Dejean [1780-1845] (from *Miscellanea Entomologica*, July 1935).

because it is known that in 1830 he commanded the cavalry division at Anvers.

After his return to Paris in 1818, Dejean was a rich and respected man. He financed several collecting expeditions, and also bought a number of collections including that of Pierre André Latreille [1762-1833], around 1826, which added 1 700 species to his

collection (Dejean 1828: vi). At the second meeting of the *Société entomologique de France*, on 7 February, 1832, the honorary members of the Society (which were limited to 12, including one-third from outside France) were announced. Dejean was not selected. This probably upset the General and may be the reason why he distanced himself from the Society in its early years. He became a member in 1837 and was elected president of the Society for the year 1840.

Around the time of publication of the last livraison of his third catalogue, in 1837, Dejean, his sight weakening, talked about selling his collection, which at the time was without doubt the largest beetle collection ever assembled by one person. Negotiations were started with the government to place the collection at the *Jardin des Plantes*. Dejean asked 50 000 francs for the beetles (Anonymous 1840a: 373; Schaum 1844: 84; Lhoste 1987: 67) and 10 000 francs for the Lepidoptera and miscellaneous orders (Anonymous 1840a: 373; Silbermann 1840: 347). However, negotiations with the government failed. The king of Prussia tried to acquire the collection but Dejean (Lhoste 1987: 67) or the French government (Werner 1999: 34) refused to let it leave France. Because nobody in France was able to raise the money, Dejean's beetle collection was finally sold in parts, during 1840, as advertised in a prospectus published in the *Bulletin de la Société Impériale des Naturalistes de Moscou* (Anonymous 1840a).

The collection at the time contained 24 643 species and more than 118 000 specimens (Anonymous 1840a: 371; Silbermann 1840: 348; Mannerheim 1842: 869). The Carabidae, including the tiger beetles, totaled 17 914 specimens, representing 3 014 species, stored in 134 boxes (Anonymous 1840a: 372); the price asked was 7 000 francs. The Carabidae were purchased by Marquis F. Thibault de LaFerté-Sénéctère [1808-1886], who later sold the specimens in 1859 to Baron Maximilien de Chaudoir [1816-1881]. After Chaudoir's death, his collection, which included the Carabidae of Dejean, ended up in the hands of René Oberthür [1852-1944] in Rennes. Through the efforts of René Jeannel [1879-1965], the Oberthür collection was nationalized and deposited at the *Muséum National d'Histoire Naturelle*, Paris, in 1952, where it remains today. Lindroth (1955) gave a brief summary of the organization of Dejean's carabid specimens within the Oberthür collection.

In November 1840, Dejean also offered his library for sale (Anonymous 1840b). By December 1840, numerous groups of beetles from his collection, including the Hydradephaga, Curculionidae, Chrysomelidae, were still for sale (Silbermann 1840: 349).

Dejean died on 17 March 1845, aged 64, after a lengthy illness, probably at his residence at 17, rue Université, Paris. He was survived by his wife Adèle Barthélemy, whom he married in 1802, and his five children: Adèle Jeanne [1803-1860], Benjamin-Barthélemy [1804-1885], Pierre Charles [1807-1872], Dieudonné Marie Louis [1809-1881], and Stéphanie Emma Elisabeth [1815-1878]. At the suggestion of Louis Reiche [1799-1890], each member of the *Société entomologique de France* received at the expense of the Society a lithograph, based on a portrait painted by M. Serrur of Lille, representing Dejean's at the age about 45 (Fig. 1). The lithograph was reproduced at the beginning of Dejean's obituary by Boisduval's (1846).

Publications

Dejean's main publications can be grouped in three categories: Catalogues, Iconographies, and his *Species général des Coléoptères*. For the sake of completeness, his

remaining publications are listed in a “Miscellaneous” section. Dejean was interested in all groups of beetles but, maybe because the family Carabidae was at the beginning of his beetle classification, he ended up publishing mostly on this group of beetles. In fact, Dejean did not describe a single species that was not considered a Carabidae at the time.

A - Catalogues

Comte Dejean published four catalogues of his beetle collection; only the first one is not taxonomically important. There are several new genus-groups proposed in the other three catalogues and since many of these names included at least one available species under them, they are available (ICZN 1999, art. 12.2.5). Several authors have dealt with the dates of publication of the last two editions particularly, including Horn and Schenkling (1928), Schenkling (1932), Griffin (1932), Barber and Bridwell (1940), Blackwelder (1949), and Madge (1988). The conclusions reached by Madge are adopted here.

1802. *Catalogue des coléoptères de la collection d'Auguste Dejean: classés suivant le Systema Eleutheratorum Fabricii*. Impr. de la République, Paris. [2] + 11 pages.

DATE OF PUBLICATION: The date printed on the last page was *An[née] XI. - 1802 v[ieux] st[yle]*, which indicated that it was published between 22 September and 31 December 1802 (Madge 1988: 317).

REMARKS: Overall 910 species are listed, all but about 50 from Europe (Boisduval 1846: 502). No new taxa were validated in this catalogue. Apparently this publication was not for sale (Boisduval 1846: 501). Around 1837, Dejean found about a hundred copies and distributed them at a meeting of the *Société entomologique de France*. Approximately 20 copies are extant (Dow 1914: 10). A facsimile was published in 1929 (Paris: Imprimerie d'Abel Lanoe), and a microfiche issue was released by Chadwyck-Healey as part of the “British Museum (Natural History) Entomological literature, 1800-1864” series (no. 209).

1821. *Catalogue de la collection de Coléoptères de M. le Baron Dejean*. Crevot, Paris. viii + 138 + [2, errata] pages.

AUTHORSHIP: Dejean received specimens from many collectors, and some of them, for example Megerle von Mühlfeld [1765-1832] of Vienna, provided unpublished names with the specimens. Dejean usually retained these scientific names in his works and attributed them to the collectors. Nevertheless, in the absence of contrary evidence, these names should be credited to Dejean since he is the author who published them. There is no indication in the preface of this catalogue or in any of Dejean's other publications that some of the names first validated in this work should be credited to others.

DATE OF PUBLICATION: 12 May 1821 (*Bibliographie de la France* 1821, entry 1879). The title page bears the date 1821.

REMARKS: Dejean regarded this publication as the first edition of his catalogue, ignoring that of 1802 which was not intended for the public. The book was published as a single unit, not in livraisons (fascicles). However, at the end of the second page of errata (the last page of the book), there is a note that reads: “*Plusieurs des fautes indiquées ne se trouvent pas dans tous les exemplaires*”. This suggests that more than one printing was released.

The checklist includes 6 692 species, as recorded on page 134, of which 908 belonged to the family Carabidae. Twenty-five new generic names of Carabidae were first published in this catalogue, 23 of them being validated (*Cosnania*, *Cordistes*, *Procerus*, *Pelophila*, *Pogonus*, *Patrobus*, *Taphria*, *Argutor*, *Omaseus*, *Steropus*, *Cophosus*, *Pangus*, *Acinopus*, *Ophonus*, *Stenolophus*, *Masoreus*, *Blemus*, *Tachys*, *Notaphus*, *Peryphus*, *Leja*, *Lopha*, *Tachypus*). All but *Taphria* were discussed by Silfverberg (1983). The two new generic names not validated were *Plochionus* and *Tetragonoderus*. Notwithstanding Silfverberg's (1983: 115) comment, the genus-group name *Tefflus* was not first validated by Dejean in this publication but by Leach (1819: 494) two years earlier.

The catalogue was sold for 4 francs.

1833-1836. *Catalogue des Coléoptères de la collection de M. le Comte Dejean*. Méquignon-Marvis, Paris. 443 pages.

AUTHORSHIP: There is no indication in this catalogue that any of the new genus-group names are to be attributed to others. However, in the preface (i.e. *avertissement*) of the third edition, Dejean (1837: xiii) wrote “*Quant aux chrysomélines [pages 383-455] et à la section des trimères [pages 456-464], M. Chevrolat s’en étant particulièrement occupé, je l’ai prié de vouloir bien m’aider de ses conseils, et j’ai adopté tous les genres qu’il a créés au dépens des anciens grands genres ... Je le prie de recevoir mes remerciements pour la part qu’il a bien voulu prendre à la rédaction de ce Catalogue.*”

As pointed out by Barber and Bridwell (1940) and Madge (1988), the fifth livraison of the second (1833-1836) and third (1836-1837) editions of Dejean's catalogues, where the *chrysomélines* and *trimères* appeared, were printed from the same type but published at different times. Madge (1988) pointed out that the most logical explanation is that both livraisons were printed in 1836 (possibly at about the same time) but, maybe to give Dejean time to complete a preface for the last edition, the release of livraison 5 of the third edition was delayed. As such it could be argued that the comment made by Dejean in his introduction of the third edition about Chevrolat's involvement naturally applies also to the last livraison of the second edition.

Probably because of Dejean's comment in the preface to the third edition, several chrysomelid workers have credited Chevrolat for the new genus-group taxa of leaf beetles associated with Chevrolat's name first validated in Dejean's second edition of his catalogue. For example, Seeno and Wilcox (1982) in their catalogue of leaf beetle genera, credited these names to Chevrolat in Dejean (1836). In my opinion, Dejean's comment justifies attributing these names to Chevrolat (see also Barber and Bridwell 1940: 4). However, if logic is followed, all other new genus-group taxa first validated in Dejean (1836), and associated with Chevrolat, that appeared in the *chrysomélines* and *trimères* sections should also be credited to Chevrolat. Most of these names have been credited to different authors who subsequently described the genus-group taxa, and some have been completely forgotten. A list of these names is given in Table 1.

DATE OF PUBLICATION: This work was issued in five livraisons. The dates of publication of each livraison, as discussed by Madge (1988: 318), are: **Livraison 1** [pp. 1-96], 19 January 1833 (*Bibliographie de la France* 1833, entry 271); **Livraison 2** [pp. 97-176], 27 July 1833 (*Bibliographie de la France* 1833, entry 3933); **Livraison 3** [pp. 177-256], April-June

TABLE 1. List of genus-group names, other than those belonging at present to the family Chrysomelidae, first validated by Chevrolat in the fifth livraison of Dejean's second edition of his beetle catalogue, published in 1836, with references to authors to which these names are currently credited.

Taxon (page)	Family	Author, year: page ¹ listed in Junk & Schenkling's <i>Coleopterorum Catalogus</i> ²
<i>Barytopus</i> (425)	Erotylidae	Lacordaire, 1842: 379
<i>Iphichus</i> (426)	Erotylidae	Lacordaire, 1842: 337
<i>Saccomorphus</i> (426)	Erotylidae	Crotch, 1876: 137
<i>Oligocorynus</i> (426)	Erotylidae	[not listed]
<i>Ellipticus</i> (426)	Erotylidae	[not listed]
<i>Strongylosomus</i> (427)	Erotylidae	Crotch, 1876: 487
<i>Typocephalus</i> (427)	Erotylidae	Hope, 1841: 113
<i>Brachymerus</i> (427)	Erotylidae	Lacordaire, 1842: 405
<i>Ischyrus</i> (428)	Erotylidae	Lacordaire, 1842: 89
<i>Mycotretus</i> (428)	Erotylidae	Lacordaire, 1842: 132
<i>Aulacochelus</i> (429)	Erotylidae	Lacordaire, 1842: 245 [<i>Aulacochilus</i>]
<i>Amblyopus</i> (429)	Erotylidae	Lacordaire, 1842: 197
<i>Janessa</i> (430)	Languriidae	Chevrolat, <i>i[n]. l[itte]ris</i>].
<i>Hygrotophila</i> (431)	Endomychidae	Champion, 1887: 227
<i>Hippodamia</i> (432)	Coccinellidae	Mulsant, 1846: 30
<i>Anisosticta</i> (432)	Coccinellidae	Duponchel, 1842: 542
<i>Psyllobora</i> (434)	Coccinellidae	Chevrolat, 1849: 43
<i>Brachiacantha</i> (458)	Coccinellidae	Chevrolat, [1842]: 704 [<i>Brachyacantha</i>]
<i>Hyperaspis</i> (435)	Coccinellidae	Redtenbacher, 1843: 8, 12
<i>Cheilomenes</i> (435)	Coccinellidae	Chevrolat, 1849: 43 [<i>Chilomenes</i>]
<i>Micraspis</i> (435)	Coccinellidae	Hope, 1840: 157
<i>Synonycha</i> (436)	Coccinellidae	Mulsant, 1850: 229
<i>Chnootriba</i> (436)	Coccinellidae	Mulsant, 1850: 697
<i>Epilachna</i> (436)	Coccinellidae	Redtenbacher, 1843: 7,8,13
<i>Cynegetis</i> (437)	Coccinellidae	Redtenbacher, 1843: 7,8,13
<i>Exoplectra</i> (437)	Coccinellidae	Chevrolat, 1844: 545
<i>Aploscelis</i> (439)	Endomychidae	Blanchard, 1845: 312 [<i>Haploscelis</i>]
<i>Agcylopus</i> (439)	Endomychidae	Costa, 1854: 14 [<i>Ancylopus</i>]
<i>Corynomalus</i> (439)	Endomychidae	Gerstaecker, 1857: 215
<i>Epopterus</i> (439)	Endomychidae	Chevrolat, 1844: 380
<i>Ephebus</i> (439)	Endomychidae	Gerstaecker, 1858: 293
<i>Hylaia</i> (440)	Endomychidae	Guérin[-Méneville], 1857: 273
<i>Leiestes</i> (440)	Endomychidae	Redtenbacher, 1845: 121

¹ The references for these authors are not listed in the References section at the end.

² Languriidae: Schenkling (1928); Erotylidae: Kuhnt (1911); Endomychidae: Csiki (1910); Coccinellidae: Korschefsky (1931, 1932).

1834 (for taxonomic purpose, 30 June 1834); **Livraison 4** [pp. 257-360], 22 August 1835 (*Bibliographie de la France* 1835, entry 4425); **Livraison 5** [pp. 361-443], end of 1836 (for taxonomic purpose, 31 December 1836).

REMARKS: Overall, 20 909 species were listed, as recorded on page 443, of which 2 494 were Carabidae. There were no new carabid names validated in this work.

Each livraison was sold for 3 francs. All the undistributed stock of this catalogue was destroyed in a fire in Paris 12 December 1835, which prompted the publication of another edition of the catalogue.

1836-1837. *Catalogue des Coléoptères de la collection de M. le Comte Dejean. Troisième édition, revue, corrigée et augmentée.* Méquignon-Marvis, Paris. xiv + 503 pages.

AUTHORSHIP: All new genus-group names first validated in this catalogue are attributed to Dejean. There were no new names validated in the fifth livraison of this edition since it is identical to that of the second edition.

DATE OF PUBLICATION: This work was issued in five livraisons, the first four published together. Madge (1988: 318) provided dates of publication of the livraisons: **Livraison 1-4** [pp. 1-384], 30 July 1836 (*Bibliographie de la France* 1836, entry 3717); **Livraison 5** [pp. i-xiv + 385-503], 27 May 1837 (*Bibliographie de la France* 1837, entry 2561). The title page is dated 1837.

REMARKS: This is the last edition of Dejean's catalogue, where 22 399 species are listed, as recorded on page 467, of which 2 791 were Carabidae. Ten new genus-group names of Carabidae were introduced in the first livraison but only two, *Laphyra* (p. 6) and *Batoscelis* (p. 46), were validated. The others were *Actena* (p. 12), *Listropus* (p. 17), *Ocydromus* (p. 27), *Oxycrepis* (p. 37), *Adrimus* (p. 37), *Euchlamys* (p. 43), *Ericatus* (p. 47), and *Batrachion* (p. 50).

The price of each livraison was 3 francs.

B - Iconographies

After he returned to Paris at the end of 1818, *Général Dejean* and his friend Latreille saw the usefulness of publishing an iconography of the Coleoptera of Europe, wherein every species would be illustrated. It was, without doubt, a monumental task and, for whatever reasons, the project died soon after the publication of three livraisons. Only part of the Carabidae was included. Despite the setback, Dejean did not lose his interest in an *Iconographie* and in 1829, with the help of Jean Baptiste Antoine Déchauffour de Boisduval [1801-1879], the curator of his collection, he revived the project. Probably to help differentiate his second *Iconographie* from the first, he inverted the words *histoire naturelle* and *iconographie* in the title. Dejean and Boisduval published four volumes between 26 September 1829 and 8 October 1836, covering the family Carabidae. A fifth volume in the series, covering most aquatic Adepaga, was published by Charles Aubé [1802-1869] between 25 February 1837 (*Bibliographie de la France* 1837, entry 970; first livraison) and 1838 (no entries were found in *Bibliographie de la France* with regard to all but the first livraison; overall 10 livraisons were published), with the title page dated 1836.

1822-1826. [Latreille, P.A. and P.F.M.A. Dejean]. *Histoire naturelle et iconographie des insectes coléoptères d'Europe.* Crevot, Paris. 198 pages. (+ 15 pls.)

AUTHORSHIP: As pointed out by Percheron (1837: 81) and Boisduval (1846: 510) and confirmed in the first livraison (footnote on page 38), Dejean was responsible only for the description of the species. Latreille was responsible for the generalities and the systematics. Therefore the new genus-group taxa first validated in this work should be credited to Latreille [in Latreille and Dejean] and the new species-group taxa described to Dejean [in Latreille and Dejean]. Moreover, six species were validated by association with illustrations of the taxa being named (see ICZN 1999, art. 12.2.7). In my opinion, these names should be credited to both Latreille and Dejean.

TABLE 2. List of taxa, with authorship, first validated in Latreille and Dejean's *Histoire Naturelle et iconographie des insectes Coléoptères d'Europe* (1822-1826).

Taxa	Author, year: page
<i>Cicindela concolor</i>	Dejean, 1822: 42
<i>Cicindela soluta</i>	Dejean, 1822: 47
<i>Cicindela riparia</i>	Dejean, 1822: 50
<i>Cicindela transversalis</i>	Dejean, 1822: 50
<i>Cicindela sylvicola</i>	Dejean, 1822: 51
<i>Cicindela maritima</i>	Dejean, 1822: 52
<i>Cicindela trisignata</i>	Dejean, 1822: 54
<i>Cicindela tibialis</i>	Dejean, 1822: 55
<i>Cicindela circumdata</i>	Dejean, 1822: 57
<i>Tricondyla</i>	Latreille, 1822: 65
<i>Collyris diardi</i>	Dejean, 1822: 67
<i>Therates caerulea</i>	Latreille & Dejean, 1822: pl. 1, fig. 2
<i>Therates spinipennis</i>	Latreille & Dejean, 1822: pl. 1, fig. 3
<i>Collyris major</i>	Latreille & Dejean, 1822: pl. 2, fig. 4
<i>Aptinus pyrenaicus</i>	Dejean, 1824: 102
<i>Aptinus jaculans</i>	Dejean, 1824: 103
<i>Brachinus hispanicus</i>	Dejean, 1824: 104
<i>Brachinus glabratus</i>	Dejean, 1824: 108
<i>Polistichus discoideus</i>	Dejean, 1824: 125
<i>Calleida</i>	Latreille, 1824: 132
<i>Cymindis discoidea</i>	Dejean, 1824: 134
<i>Graphipterus minutus</i>	Latreille & Dejean, 1824: pl. 6, fig. 4
<i>Galerita unicolor</i>	Latreille & Dejean, 1824: pl. 6, fig. 6
<i>Cordistes maculatus</i>	Latreille & Dejean, 1824: pl. 7, fig. 5

DATE OF PUBLICATION: According to the prospectus, Latreille and Dejean planned to publish the series in 14-16 volumes, in octavo, at a rate of two volumes per year, each comprising 15 livraisons. Each livraison was to comprise five plates with two or three sheets (32 to 48 pages) of text. However, only three livraisons were published. The dates of publication, as listed in *Bibliographie de la France* (1822, entry 3 280; 1824, entry 5 870; 1826, entry 931), are: **livraison 1** [pp. 1-90 + pls. i-v], 20 July 1822; **livraison 2** [pp. 91-134 + pls. vi-x], 20 November 1824; **livraison 3** [pp. 135-198 + pls. xi-xv], 15 February 1826.

The date given on the wrapper of the third livraison was 1824 and is the date attributed by most authors to this livraison. There is evidence that this livraison was published later than 1824. First, it was reported in *Bibliographie de la France* only in February 1826. Second, for most species treated in it, there is a reference to the first volume of Dejean's *Species général des Coléoptères*, which was published in September 1825. Engelmann (1846: 538) cited the three livraisons as published between 1822 and 1826 and Sherborn (1922: lxxviii) recorded the first two livraisons as published in July 1822 and the third one in February 1826.

REMARKS: The list of all taxa first validated in this work is given in Table 2. No new taxa were validated in the third livraison.

From the start, it was quite evident that the adventure of Latreille and Dejean would be short lived. Indeed, Crevot, the editor, warned the subscribers in the first livraison that, against his own expectations, it may be the only one published.

The livraisons were available either with black and white figures for 4 francs each, or with colour figures for 6 francs. In addition, a number of copies were printed on vellum with black and white and colour figures for 12 francs for each livraison.

The illustrations for the plates were drawn by A. Prévost (tiger beetles) and P. Duménil (remaining carabids).

1829-1830. [Dejean, P.F.M.A. and J.B.A. Boisduval]. *Iconographie et histoire naturelle des coléoptères d'Europe. Tome premier.* Méquignon-Marvis, Paris. xiv + 400 pages. (+ 60 pls.).

AUTHORSHIP: On page xiv of the preface (i.e. *avertissement*), the authors stipulated that “*tous les articles signés C.D., et précédés des lettres B.D., auront été traités par M. le comte Dejean, et que tous les autres auront été rédigés par M. Boisduval, et revus avec le plus grand soin par M. le comte Dejean.*” A search through the volume shows that portions of the text not previously published in the volumes of the *Species général des Coléoptères*, which include all new taxa proposed, are signed with the initials C.D. and preceded by the letters B.D. Therefore, all new taxa first validated in this work are to be credited to Dejean alone. The remainder of the text is simply “*une reproduction abrégée du Species*” (Boisduval 1846: 512).

DATE OF PUBLICATION: This volume had 12 livraisons which were published between 26 September 1829 and 16 October 1830. The dates of publication of each livraison are indicated in Table 3. The title page of the original printing bears the date 1829.

REMARKS: Several new taxa are described in this volume (Table 4). Some of them are incorrectly considered in some catalogues as first published in the fifth volume of the *Species général des Coléoptères*.

It is worth noting that despite the title of the series, Dejean took the opportunity to describe several new species from various parts of the world in this volume.

Originally the work was to consist of 12 volumes, in octavo, each comprising about 11 livraisons. Each livraison was to have five colour plates with the corresponding text. The price of each livraison was 6 francs (6.25 francs including postage). Fifteen copies of the books of the series were printed on vellum and each livraison sold for 12 francs. In addition, ten copies were printed in quarto on vellum; the price of each livraison for these copies was 25 francs. The number of these copies in existence is questionable since *Bibliographie de la France* 1829 (entry 5 661) mentioned that only one copy in this format would be printed to accompany the original colour drawings.

The illustrations for the plates were drawn by P. Duménil.

Because all the undistributed stock of this volume was destroyed in the fire of December 1835, a second printing was released, with the title page bearing the date 1837.

1830-1832. [Dejean, P.F.M.A. and J.B.A. Boisduval]. *Iconographie et histoire naturelle des coléoptères d'Europe. Tome second.* Méquignon-Marvis, Paris. 407 pages. (+ pls. 61-125).

AUTHORSHIP: There is no preface in this volume. However, up to page 27, the portions of the text not previously published in the various volumes of the *Species général des Coléoptères* are signed C.D. and preceded by the letters B.D. From that point on, the text is simply an abridged version of the *Species*. Therefore, there is evidence that all new taxa first validated in this volume should be credited to Dejean alone (see previous “authorship”).

TABLE 3. Dates of publication, as recorded by *Bibliographie de la France* unless otherwise noted, of the livraisons of Dejean and Boisduval's *Iconographie et histoire naturelle des Coléoptères d'Europe* (1829-1836).

Tome	Livraison	Pages	Plates	Date of publication
I	1	i-xiv, 1-32	1-5	26 September 1829
	2	33-80	6-10	7 November 1829
	3	81-112	11-15	5 December 1829
	4	113-144	16-20	30 January 1830
	5	145-176	21-25	20 February 1830
	6	177-208	26-30	20 March 1830
	7	209-240	31-35	24 April 1830
	8	241-272	36-40	29 May 1830
	9	273-304	41-45	12 June 1830
	10	305-336	46-50	24 July 1830
	11	337-368	51-55	18 September 1830
	12	369-400	56-60	16 October 1830
II	1	1-32	61-65	13 November 1830
	2	33-48	66-70	18 December 1830
	3	49-64	71-75	5 February 1831
	4	65-80	76-80	9 April 1831
	5	81-96	81-85	[10 April-15 July 1831] ¹
	6	97-128	86-90	16 July 1831
	7	129-160	91-95	5 September 1831
	8	161-192	96-100	26 November 1831
	9	193-224	101-105	7 January 1832
	10	225-256	106-110	11 February 1832
	11	257-288	111-115	17 March 1832
	12	289-320	116-120	12 May 1832
	13	321-352	121-125	14 July 1832
	14	353-407	126-130	13 October 1832
III	1	1-48	131-135	8 December 1832
	2	49-96	136-140	2 March 1833
	3	97-128	141-145	4 May 1833
	4	129-176	146-150	29 June 1833
	5	177-208	151-155	27 July 1833
	6	209-240	156-160	21 September 1833
	7	241-272	161-165	26 October 1833
	8	273-326	166-170	11 January 1834
IV	1	1-32	171-175	22 March 1834
	2	33-64	176-179	17 May 1834
	3	65-96	180-184	26 July 1834
	4	97-128	185-188	9 August 1834
	5	129-160	189-193	11 October 1834
	6	161-192	194-198	[1 October-31 December 1834] ²
	7	193-224	199-203	[1 October-31 December 1834] ²
	8	225-256	204-208	[1 January-31 March 1835] ²
	9	257- [320]	209-213	[1 April-30 June 1835] ²
	10	[321-384]	214-218	[1 October-31 December 1835] ²
	11	[385-432]	219-223	[1 July-30 September 1836] ²
	12	433-486		[1 July-30 September 1836] ²

¹ Not recorded by *Bibliographie de la France*.

² Date range inferred from *Bulletin de la Société Entomologique de France*.

DATE OF PUBLICATION: This volume was issued in 14 livraisons, from 13 November 1830 to 13 October 1832. The dates of publication of each livraison are indicated in Table 3. The title page of the original version bears the date 1830.

REMARKS: The date range for the publication of this volume runs into the publication of the fifth volume of the *Species général des Coléoptères* which was published 23 July 1831 (*Bibliographie de la France* 1831, entry 3 477). Starting on page 77 (published in livraison 4) are references for most species to volume 5 of the *Species*. However, the fourth livraison of the second volume of this iconography was published on 9 April 1831 (*Bibliographie de la France* 1831, entry 1 567). How could this happen? One possible explanation is that the text of the fifth volume of the *Species* was already printed by April 1831 and set aside. Dejean was apparently at the head of a division of the Army of the North and the editor possibly waited for his return before releasing the volume. However, Boisduval, who had the responsibility of organizing the text for the iconography (which was almost entirely based on Dejean's *Species*), probably had access to the text of the *Species*. There are four new taxa described in livraisons 4, 5 and 6 (the last livraisons before the release of volume 5 of the *Species*) of the second volume of the iconography (see Table 4) and, in my opinion, they should be credited to Dejean in Dejean and Boisduval's second volume of the *Iconographie* and not to Dejean's *Species*.

A second printing of this volume was released, with the title page bearing the date 1837.

The illustrations for the plates were drawn by P. Duménil.

1832-1834. [Dejean, P.F.M.A. and J.B.A. Boisduval]. *Iconographie et histoire naturelle des coléoptères d'Europe. Tome troisième. Méquignon-Marvis, Paris. 326 pages. (+ pls. 126-171).*

DATE OF PUBLICATION: This volume was issued in eight livraisons, from 8 December 1832 to 11 January 1834. The dates of publication of the livraisons are indicated in Table 3. The title page bears the date 1832.

REMARKS: No new taxa are described in this volume. A second printing of this volume (not seen) was released in April 1840 (*Bibliographie de la France* 1840, entry 1614). The illustrations for the plates were drawn by P. Duménil.

1834-1836. [Dejean, P.F.M.A. and J.B.A. Boisduval]. *Iconographie et histoire naturelle des coléoptères d'Europe. Tome quatrième. Méquignon-Marvis, Paris. 486 pages. (+ pls. 172-223).*

DATE OF PUBLICATION: This volume was issued in 12 livraisons, from 22 March 1834 to 8 October 1836. The dates of publication of the livraisons are indicated in Table 3. The title page bears the date 1834.

REMARKS: No new taxa are described in this volume. I have found no indication that a second printing was published for this volume. The illustrations for the plates were drawn by P. Duménil (up to plate 189) and Delarue (from plate 190 on).

C - *Species général des Coléoptères*

Dejean conceived the idea of writing the description of all the beetle species in his collection already in 1821. His plan was to publish the series in 20 volumes that would

TABLE 4. List of taxa first validated in Dejean and Boisduval's *Iconographie et histoire naturelle des Coléoptères d'Europe* (1829-1836).

Taxa	Author, date: page	Tome	Livraison
<i>Iresia</i>	Dejean, 1829: 5	I	1
<i>Megacephala quadrisignata</i>	Dejean, 1829: 7	I	1
<i>Iresia lacordairei</i>	Dejean, 1829: 10	I	1
<i>Cicindela dilacerata</i>	Dejean, 1829: 38	I	2
<i>Cicindela goudotii</i>	Dejean, 1829: 40	I	2
<i>Ctenostoma bifasciatum</i>	Dejean, 1829: 55	I	2
<i>Colliuris modesta</i>	Dejean, 1829: 58	I	2
<i>Axinophorus</i>	Dejean, 1829: 60	I	2
<i>Eucheyla</i>	Dejean, 1829: 60	I	2
<i>Casonia inaequalis</i>	Dejean, 1829: 62	I	2
<i>Cordistes bicinctus</i>	Dejean, 1829: 65	I	2
<i>Galerita geniculata</i>	Dejean, 1829: 69	I	2
<i>Agra splendida</i>	Dejean, 1829: 76	I	2
<i>Cymindis immaculata</i>	Dejean, 1829: 93	I	3
<i>Calleida fasciata</i>	Dejean, 1829: 99	I	3
<i>Dromius scapularis</i>	Dejean, 1830: 121	I	4
<i>Coptodera depressa</i>	Dejean, 1830: 147	I	5
<i>Orthogonius curvipes</i>	Dejean, 1830: 148	I	5
<i>Helluo grandis</i>	Dejean, 1830: 150	I	5
<i>Aptinus alpinus</i>	Dejean, 1830: 155	I	5
<i>Brachinus etslans</i>	Dejean, 1830: 163	I	5
<i>Axinophorus lecontei</i>	Dejean, 1830: 176	I	5
<i>Axinophorus lacordairei</i>	Dejean, 1830: 176	I	5
<i>Eucheyla flavilabris</i>	Dejean, 1830: 178	I	6
<i>Catascopus brasiliensis</i>	Dejean, 1830: 179	I	6
<i>Graphipterus barthelemyi</i>	Dejean, 1830: 181	I	6
<i>Carterus</i>	Dejean, 1830: 186	I	6
<i>Siagona oberleitneri</i>	Dejean, 1830: 191	I	6
<i>Clivina ypsilon</i>	Dejean, 1830: 217	I	7
<i>Ozaena laevigata</i>	Dejean, 1830: 231	I	7
<i>Carterus interceptus</i>	Dejean, 1830: 233	I	7
<i>Ditomus distinctus</i>	Dejean, 1830: 242	I	8
<i>Ditomus robustus</i>	Dejean, 1830: 243	I	8
<i>Ditomus cyaneus</i>	Dejean, 1830: 244	I	8
<i>Procrustes foudrasii</i>	Dejean, 1830: 280	I	9
<i>Procrustes graecus</i>	Dejean, 1830: 281	I	9
<i>Procrustes banonii</i>	Dejean, 1830: 282	I	9
<i>Carabus rothii</i>	Dejean, 1830: 297	I	9
<i>Carabus panzeri</i>	Dejean, 1830: 311	I	10
<i>Carabus dufourii</i>	Dejean, 1830: 325	I	10
<i>Carabus faldermanni</i>	Dejean, 1830: 332	I	10
<i>Carabus palustris</i>	Dejean, 1830: 358	I	11
<i>Carabus tuberculosus</i>	Dejean, 1830: 359	I	11
<i>Carabus aurolimbatus</i>	Dejean, 1830: 391	I	12
<i>Carabus vladimirskyi</i>	Dejean, 1830: 19	II	1
<i>Carabus preslii</i>	Dejean, 1830: 20	II	1
<i>Nebria schreibersii</i>	Dejean, 1831: 77	II	4
<i>Nebria heydenii</i>	Dejean, 1831: 89	II	5
<i>Nebria krateri</i>	Dejean, 1831: 90	II	5
<i>Nebria angustata</i>	Dejean, 1831: 108	II	6

appear successively every three or four months. The price was fixed at 9 francs for each volume and 12 francs for the vellum printing. Considering that his descriptions were much more detailed than those of his predecessors, it is not so surprising that Dejean published only five volumes over a six year period, covering all and only the Carabidae in his collection. A sixth volume, authored by Charles Aubé, covering most of the aquatic Adephaga of Dejean's collection, was published on 29 September 1838 (*Bibliographie de la France* 1838, entry 4 893) and sold for 15 francs.

There are several new genus- and species-group taxa first validated in the five volumes. There are no problems with the dates of publication of these names except for some that appeared in the fifth volume, published in 1831 (see "remarks" section of the second volume of Dejean and Boisduval's *Iconographie*).

1825. *Species général des Coléoptères, de la collection de M. le Comte Dejean. Tome premier.* Crevot, Paris. xxx + 463 pages.

DATE OF PUBLICATION: 10 September 1825 (*Bibliographie de la France* 1825, entry 5 045).

1826. *Species général des Coléoptères, de la collection de M. le Comte Dejean. Tome second.* Crevot, Paris. viii + 501 pages.

DATE OF PUBLICATION: 22 April 1826 (*Bibliographie de la France* 1826, entry 2 292).

1828. *Species général des Coléoptères, de la collection de M. le Comte Dejean. Tome troisième.* Méquignon-Marvis, Paris. vii + 556 pages.

DATE OF PUBLICATION: 29 November 1828 (*Bibliographie de la France* 1828, entry 6 983).

1829. *Species général des Coléoptères, de la collection de M. le Comte Dejean. Tome quatrième.* Méquignon-Marvis, Paris. vii + 520 pages.

DATE OF PUBLICATION: 5 December 1829 (*Bibliographie de la France* 1829, entry 7 269).

1831. *Species général des Coléoptères, de la collection de M. le Comte Dejean. Tome cinquième.* Méquignon-Marvis, Paris. viii + 883 pages.

DATE OF PUBLICATION: 23 July 1831 (*Bibliographie de la France* 1831, entry 3 477).

REMARKS: This volume was published in two parts, issued simultaneously, with consecutive pagination, and sold for 15 francs.

Miscellaneous

A list of the remaining entomological publications of Dejean are provided here, but not discussed.

1824. Note sur la monographie des Cébrionides, par W.E. Leach. *Bulletin des Sciences Naturelles et de Géologie* [Deuxième Section du *Bulletin Universel des Sciences et de l'Industrie*] 3: 103-104.

1825. Extrait d'un mémoire sur les genres qui composent la tribu des Simplicipèdes dans la famille des Carabiques. *Nouveau Bulletin des Sciences par la Société Philomatique de Paris* 1825: 187-189.

1827. Essai sur les genres qui composent la tribu des Simplicipèdes dans la famille des Carabiques. *Mémoires de la Société Linnéenne de Normandie* 1826-1827: 123-137.
1838. [Observations sur l'absence ou la présence des tarsi dans plusieurs insectes de la famille des Lamellicornes]. *Bulletin de la Société Entomologique de France* 1838: viii-ix.
1839. Réflexions critiques sur le Species des Hydrocanthares et des Gyriniens de M. le Docteur Ch. Aubé. *Annales de la Société Entomologique de France* 8: 67-90 [anonymously signed "par un amateur, membre de la Société entomologique de France"; Dejean (1840: 74) later admitted he was the author].
1840. Observations sur l'histoire naturelle des Coléoptères de France de M. Mulsant. *Annales de la Société Entomologique de France* 9: 69-87.
1840. Note sur les différences sexuelles des *Malachius* d'Europe. *Annales de la Société Entomologique de France* 9: 205-206.
1840. Réponse aux observations entomologiques de M. V. Mareuse. *Revue Entomologique* 5 [1837]: 342-344 (First published in *L'Echo du Monde Savant* in the February 12, 1840 issue [not seen]).
1842. Observations sur la Monographie des Érotyliens de M. Th. Lacordaire. *Annales de la Société Entomologique de France* 11: 285-293.

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