

Courriers pour la World Odonata List

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Version du mercredi 5 août 2026



Histoires Naturelles n°71

Mise à jour le mercredi 5 août 2026

Première édition : 21 avril 2025

Échanges de courriers dans le cadre du suivi et des ajustements de la World Odonata List

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Mise à jour le mercredi 5 août 2026



La *World Odonata List* tient lieu de référentiel taxonomique des Odonates (*Odonata*) du Monde entier pour les espèces actuelles. Elle est déposée sur le site de l'Université Puget Sound, Slater MNH. Il existe depuis 2000 sous la direction de D.Paulson, M.Schorr et M.Lindeboom.

J'ai rejoint l'équipe initiale à la fin des années 2010, ayant déjà réalisé de nombreux échanges à des fins de compléments et d'ajustements au cours de la décennie précédente et une version miroir a été ouverte en 2021 sur *Odonata Central* sous la direction principale de J.Abbott (JA), D.Paulson (DP), M.Schorr et la participation de C.Bota-Sierra, F.Lozano, K.D.Dijkstra et moi-même (C.Deliry : CD¹).

Au mercredi 5 août 2026 ce sont 6515 espèces d'Odonates qui sont connus dans le Monde.



Logo de la WOL

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Année 2026

5 août 2026 (CD to DP et JA)

For nearly a month now, I have been revising the taxonomy of the genus *Orthetrum* in connection with the discovery of a probable new taxon in the Mascarene Islands by a member of my association, of which I am president. However, I was notified this morning of the publication of a comprehensive article on this genus (Onsongo et al. 2026), which will undoubtedly spark interest in this genus among naturalists. I therefore think it would be helpful to share with you the corrections I have identified before certain errors become too widespread.

Onsongo V. & al. 2026 - Evolution and biogeography of the widespread dragonfly genus *Orthetrum* (Odonata: Anisoptera: Libellulidae): Massive dispersal in the tertiary. - *Systematic Entomology*, 51 (3), juillet-septembre 2026, 31 juillet 2026.

- ***Orthetrum ramburii* Selys, 1848** : a synonym for *Orthetrum coerulescens* associated with *anceps* has been verified at the source [ONLINE]. This is not *Orthetrum ramburii* Selys in Lucas, 1849. I don't know where this "error" came from; I don't think it was in earlier versions of the WOL.

- Karsch's article (1898), cited below, has been the subject of various discussions, at least since 2018 (email from Martin Schorr dated March 9, 2018, which noted that Baumann had not described any species here; adding that at the time, all odonatological work at the Berlin Museum was carried out by F. Karsch), as well as exchanges and sources of taxonomic errors regarding the author's name: Baumann, Anonymous, [Karsch] in square brackets because it was inferred from "Anonymous" (see ICZN). However, in April of this year, a reading of the subtitle implicitly allowed the author of this article to be identified as: « Odonaten von Misahöhe (Landschaft Agome im Togohinterlande) gesammelt von Ernst Baumann nach E. Baumann's hinterlassenen Aufzeichnungen zusammengestellt. = Odonata from Misahöhe (Agome region in the Togolese hinterland), collected by Ernst Baumann and compiled based on E. Baumann's posthumous notes. » This refers to a posthumous compilation of Baumann's notes... compiled by the author, who is indeed Karsch, as indicated on page 387 [<https://www.biodiversitylibrary.org/item/42365#page/351/mode/1up>] : « von Dr. Ferd. Karsch in Berlin » in November 1898. Consequently, there is no reason to keep the brackets.

Karsch F. 1898 - Odonaten von Misahöhe (Landschaft Agome im Togo interlande) gesammelt von Ernst Baumann. - [Odonates de Misahöhe (paysage d'Agome de l'arrière pays du Togo) compilé par Ernst Baumann.] - Entomologische Nachrichten, 24 : 342-347. - [ONLINE](#) - [PDF](#)

This affects the following taxon: *Orthetrum aequale* [Karsch], 1898, which becomes ***Orthetrum aequale* Karsch, 1898**. It is a synonym for *Orthetrum angustiventre*. The "details" provided in the comments on WOL should be removed or corrected.

- [2 actions] Still regarding the synonyms for *Orthetrum angustiventre*, the following adjustments are needed: ***Orthetrum leoninum* Karsch, 1898 (nec 1891)**.

In fact, *Orthetrum leoninum* is also mentioned in Karsch (1891), and is considered a synonym of *Orthetrum austeni* according to Steinmann (1997). Karsch (1891) does indeed mention *Orthetrum leoninum* in 1891.

[<https://www.biodiversitylibrary.org/item/81646#page/71/mode/1up>]. This synonymy was also listed on the (now defunct) website by Rowe, Trueman, and Rhonda, "The Odonata - Dragonflies and Damselflies (β)," of which I have a backup in my archives. This name predates Kirby's (1900) name, *Orthetrum austeni* ; it is therefore a forgotten name: ***Orthetrum leoninum* Karsch, 1891 (nec 1898) (nomen oblitum)** [I think it's worth noting that there is a second version from 1898, even though it was published later: there is another example among the Odonata following the "same logic," namely *Agrion viridis* Vander Linden, 1820 (nec 1825), a synonym of *Lestes barbarus*].

Karsch F. 1891 - Die libelluliden-gattungen *Orthetrum*, Newm. (Libella, Br.) und *Thermorthemis*, Kirby. - *Entomologische Nachrichten*, 17 (4) : 58-62.

- On trouvait sur le site de l'ADDO (Dijkstra & al. [2016]) encore visible sur WebArchives le synonyme : ***Orthetrum taeniolatum* Longfield, 1936 (nec Schneider, 1845)** for *Orthetrum brevistylum*.

I have verified that the citation is correct and that the description is included in the original article, but I am unable to confirm the synonymy based on my current knowledge. I think we can trust Dijkstra's team.

[**Dijkstra K.D. & al. (éd. & cartog.) (ADDO) 2016**] - *African Dragonflies and Damselfies Online*. - JRS Biodiversity Foundation, version 1 du 1er juillet 2016 : <http://addo.adu.org.za> [offline] → [WebArchives : 2 mars 2024](#)

Longfield C. 1936 - Studies in African Odonata, with synonymy and descriptions of new species and subspecies. - *Transactions of the Royal Entomological Society of London*, 85 (20) : 467-498.

- [(2) 4 entries] There are a number of synonyms for *Orthetrum brunneum*, many of which are "minor" and not listed on WOL.

- ***Libellula caerulescens* Vander Linden, 1825 (nec Fabricius, 1798) partim** (nec var. *minor*). The var. *minor* is the true *Orthetrum caerulescens* of Fabricius (1798).

- ***Libellula caerulescens* Fonscolombe, 1837 (nec Fabricius, 1798)**

- ***Libellula caerulescens* Charpentier, 1839 (nec Fabricius, 1798)**

- ***Libellula caerulescens* Selys, 1840 (nec Fabricius, 1798) partim**

These four names are similar, but they come from separate descriptions. Look at the difference *AE* / *OE*.

Boyer de Fonscolombe M. 1837 - Monographie des Libellulines des environs d'Aix. - Ann. de la Soc. Entomol. de France, 6 : 129-150 + pl. - [ONLINE](#)

de Charpentier T. 1839 - 10. Bestimmung der Libellulinen in Schäffers inconibus insector. Ratisbonens. - Zeitschrift für die Entomologie, 1 : 380-382. - [ONLINE](#)

de Selys Longchamps E. 1840 - Monographie des Libellulidées d'Europe. - Roret, Paris ; Muquardt, Bruxelles. - [ONLINE](#)

- Nous avons ***Libellula bruandi* Pidancet, 1856** (« null » : (to be corrected) whose synonymy I confirmed by examining the collection specimen in 2020, with the help of Gwénaél David. I then noted that it had already been proposed by earlier authors (I won't go into detail). An argumentative article, in which I was not involved, has since been published (David et al. 2025).

Pidancet L. 1856 - Catalogue des Libellulidées des environs de Besançon. - Mém. de la Soc. d'émulation du département du Doubs, Série 2, 7.

[**David G. (JNE) 2020**] - Odonates du Musée de Poligny. CR de la visite du 30 janvier 2020. - Document numérique.

David G. & al. 2025 - La collection d'odonates de Léandre Pidancet (1824-1888) au musée de Poligny (Jura). - *Martinia*, 39 (9) : 56-71. - [PDF LINK](#)

- ***Libellula depressa* Latreille, 1805 (nec Linnaeus, 1758) partim** is considered a synonym of *Orthetrum cancellatum* : Latreille's (1805) *Libellula depressa* includes both the true *Libellula depressa* and *Orthetrum cancellatum*. I can look into this further.

Latreille P.A. 1805 - Histoire naturelle, générale et particulière des Crustacés et des Insectes. Volume 13. - Paris. - [ONLINE](#)

- We have ***Orthetrum chrysostigma toddii* Pinhey, 1970** and not *Orthetrum toddii* Pinhey, 1970.

Pinhey 1969 - [à préciser !] - *Occasion. Pap. natn. Mus. Rhod.*, (B) 4 (30).

- [5+ actions] A reading of the article by **Yong et al. (2014)** reveals results that are not explicitly stated as conclusions but are, in a sense, demonstrated with regard to *Orthetrum pruinosum* **s.l.** I no longer recall the reasoning behind the dismantling of this group. Historically, it has included as synonyms (or subspecies) the names *migratum*, *neglectum*, and *clelia*, as well as the type **s.str.**. The WOL follows this classification as follows: *Orthetrum migratum* (*bona* sp.), *Libellula neglecta* (synonym), *Orthetrum schneideri* (*bona* sp.). These classifications are therefore established. The subtlety here is:

- *Orthetrums schneideri* Förster, 1903 is synonymous with *Orthetrum clelia* (Selys, 1878) according to Ris (1910). Therefore, the priority of descriptions was not observed at the time of the split. Consequently, the correct name is: ***Orthetrum clelia* (Selys, 1878) [*Libellula*]** with for synonym **syn. *Orthetrum schneideri* Förster, 1903**. This valid species designation is implicit in Yong et al. (2014), who clearly distinguish *Orthetrum pruinosum schneideri* (and thus *Orthetrum clelia*) in the phylogenetic trees they produced. The validity of this species is therefore correctly established.

- Yong et al. (2024) do not address the *pruinosum pruinosum* type, which, as far as I can tell, is found only in Insulinde (Indonesia, the Philippines) and may be closely associated with *testaceum*. Indeed, some evidence from other locations suggests that there could be confusion with *Orthetrum testaceum* (or that *pruinosum* is a subspecies of *testaceum*). This would explain the situation, but I have found no evidence to support this claim. Furthermore, my opinion is that *pruinosum* **s.str.** is a variant of *testaceum*: to be proven—the biogeography is consistent with this possibility, but there are subtle differences in coloration (even according to the same author: Burmeister 1839!). These color variations do not appear to be addressed in the recent article by Onsongo et al. (2026), but I need to read it more carefully. To be continued... However, they clearly show that *Orthetrum pruinosum neglectum* is distinct from *Orthetrum pruinosum schneideri* (= *clelia*) and is grouped close to it in their phylogenetic tree, but is also distinct from *Orthetrum testaceum* and *Orthetrum pruinosum neglectum*, which share a common branch with the latter two. Yong et al. write: “The allied/sibling taxon *O. pruinosum schneideri* is grouped with *O. chrysis* (Figs. 1–5, Supplementary Figs. 2–4). It is distinctly separated from *O. pruinosum neglectum*. The two taxa are, without reasonable doubt, cryptic species of a species complex. ” In short, they treat *clelia* (cf. *schneideri*) and *neglectum* as two separate species. They do not draw a taxonomic conclusion: the species are implicitly *Orthetrum clelia* (*bona* sp.), already discussed (cf. *pruinosum*), and ***Orthetrum neglectum* (Rambur, 1842)**. The synonyms of *Orthetrum neglectum* are ***Libellula petalura* Brauer, 1865** (already listed under *pruinosum* on WOL: to be changed) and ***Orthetrum pruinosum ceylanicum* Förster, 1903** (synonymized with *neglectum* by Ris in 1910).

- *Orthetrum poecilops* was published on page 1091 of Ris's work on the *Libellulinen*, specifically in fascicle XVI, which appeared on March 1, 1919 [<https://www.biodiversitylibrary.org/item/37595#page/283/mode/1up>] : We have ***Orthetrum poecilops* Ris, 1919**.

- In the synonyms of *Orthetrum coerulescens* you can add or adjust :

- ***Libellula donovani* Leach in Brewster, 1815 (*nomen nudum*)** : adjust.

- ***Libellula caerulescens* var. *minor* Vander Linden, 1825**

- ***Libellula donovani* Stephens, 1835** : accompanied by a description.

- ***Orthetrum nicevillei* Kirby, 1894** is a synonym of *Orthetrum glaucum* according to Ris (1910), Steinmann (1997), and Rowe et al. (ß Odonata).

- The exact protonym of *Orthetrum guineense* is ***Orthetrum chrysostigma guineense* Ris, 1910**.

- We have ***Orthetrum falsum capicola* Kimmins, 1957** synonym of *Orthetrum julia*, is not simply *Orthetrum capicola* Kimmins, 1957. Confirmed by Bionames [<https://bionames.org/names/urn:lsid:organismnames..com:name:2766204>]. This is in fact a new name (*nomen novum*) intended to replace *Libellula capensis* Cal-

vert, 1893, which was already taken by *Libellula capensis* Linnaeus, 1767 (Nevroptera); this name had been regularly used in the literature as *Orthetrum stemmale capense* (Calvert, 1893) until Kimmins' intervention (1957). For the record, authors today regularly use it as *Orthetrum julia capicola* (Kimmins, 1957), as a subspecies from South Africa.

- We have ***Orthetrum contractum nigrescens* Förster, 1906** [[verified name] listed as *Orthetrum nigrescens* Förster, 1906 [unabbreviated] as a synonym of *Orthetrum julia* by Steinmann (1997) and Rowe & Truemen (ß Odonata), currently considered a synonym of *Orthetrum stemmale*. I have not yet found any clear connection to *Orthetrum stemmale* anywhere. I am sticking with the synonymy with *Orthetrum julia*.
- We have ***Orthetrum stemmale congoense* Fraser, 1949** [verified at the source] Incorrect for *Orthetrum congoense* as presented by the WOL. It is a synonym of *Orthetrum julia*.
- We have ***Orthetrum capense falsum* Longfield, 1955** The correct name for *Orthetrum falsum* as listed by the WOL. It is also a synonym for *Orthetrum julia*.
- [2 actions] The exact protonym of *Orthetrum lemur* is: ***Orthetrum stemmale lemur* Ris, 1910**. The exact name of its synonym is ***Orthetrum stemmale miloti* Fraser, 1949**.
- The exact protonym of *Orthetrum luzonicum* is ***Libella luzonica* Brauer, 1868** et not *Libellula luzonica*.
- The exact protonym of *Orthetrum migratum* is ***Orthetrum pruinsum migratum* Liefstick, 1951**.
- We have ***Orthetrum sabina* var. *nigrescens* Bartenev, 1929** correct name for *Orthetrum nigrescens* Bartenev, 1929 [abbreviated name], synonym of *Orthetrum sabina*.
- We have ***Orthetrum hyalinum* Kirby, 1886** and not *Libellula hyalina*, synonym of *Orthetrum taeniolatum*.

3 août 2026 (DP to CD et JA)

3 août 2026 (DP) - John and I realized we hadn't acted on a proposal by Schneider et al. (2023, Molecular phylogeny of Holarctic Aeshnidae with a focus on the West Palearctic and some remarks on its genera worldwide [Aeshnidae, Odonata]) to place *Aeshna septentrionalis* (North America) as a subspecies of *A. coerulea* (Eurasia), thus synonymizing it on our list, and we see no reason not to do that, unless anyone else has a contrary thought about it.

4 août 2026 (CD) - I had indeed long noticed the resemblance between *Aeshna septentrionalis* and *Aeshna caerulea* and was interested in the proposal by Schneider et al. (2023). So, I initially revised my notes in line with their findings. However, the publication of an important article by Cannings et al. (2024: page 4) on the Odonata of Canada, which published in Zootaxa, argues for retaining *Aeshna septentrionalis* as a valid species, at least for now. I am therefore relying on this local opinion.

4 août 2026 (JA) - Thank you Cyrille...your memory is better than mine. I now remember Cannings' article is indeed why we didn't add the synonymy to the WOL.

- **Cannings R.A. & al. 2024** - The Dragonflies and Damselflies (*Insecta : Odonata*) of Canada : species list, geographical distribution, status, and conservation ranks. - *Zootaxa*, 5410 (1) : 1-48.
- **Schneider T. & al. 2023** - Molecular Phylogeny of Holarctic Aeshnidae with a Focus on the West Palaeartic and Some Remarks on Its Genera Worldwide (Aeshnidae, Odonata). - *Diversity*, 15 (9), 23 août 2023. - **ON-LINE**

17 et 18 juin 2026 (CD to DP et JA) - Antichronologique

18 juin 2026 - It is finally easy. I looked into the matter further and found that the *Protonevra legio* is already described in the second half of the 1860's *Synopsis*. Consequently, we simply have

***Protoneuridae* Selys, 1860** (ad *Legio Protonevra*).

Note that the French term "légion" can be translated as "tribe" in English ; this is now an usual established taxonomic structure !

- **de Selys Longchamps E. 1860** - Synopsis des Agrionines. Dernière légion : *Protonevra*. - *Bull. Acad. r. Belg.*, Série 2, 10 : 431-462. - [ONLINE](#)

17 juin 2026 - For information note that there is a parallel edition of 1857's work where *Protonevra* [exact protonym] is describe... all the 1857's taxa in *de la Sagra* have a bi-description !

- **de la Sagra R. 1857** - Historia fisica politica y natural de la Isla de Cuba. Secunda parte Historia Natural, Tomo VII. Crustaceos, Aragnides é Insectos. - Arthus Bertrand, Paris, (1856) : "Odonates de Cuba" par de Selys Longchamps E. : 183-200. - [ONLINE](#)
- **de Selys Longchamps E. 1857** - Odonates de Cuba. - In : Guérin-Méneville, F.E. (ed.) : de la Sagra R. (éd.) [traduction] - Histoire physique, politique et naturelle de l'île de Cuba. Animaux articulés à pieds articulés. - Paris, A.Bertrand : 436-472. - [ONLINE](#)

17 juin 2026 - This family-group classification for me is correct; the Selysien legions are valid as such (see *Amphipterygidae* Selys, 1853 which is correct in the WOL). This "new" (old!) family is indeed *Protoneuridae* Selys, 1871 [to confirm [?] because not verified myself]. I hadn't identified it yet, nor had I really studied it. I mentioned in a previous post that there were other corrections to be made, but gathering and organizing the evidence takes time that I haven't had. I'm pretty sure the following corrections are correct.

- *Hypolestidae* Tillyard & Fraser, 1917 [to verify]
- *Euphaeidae* Selys, 1853 (ad *Legio Euphaea* Selys, 1853 [5]),
- *Thaumatoneuridae* Tillyard & Fraser, 1938 [1]
- *Ripidolestidae* Silsby & Parr, 2001 [see [4] : two authors probables ?]
- *Epiophlebiidae* Muttkowski, 1910 [2]
- *Aeshnoidea* Leach *in* Brewster, 1815, *Aeshnidae* Leach *in* Brewster, 1815
- *Libelluloidea* Latreille, 1804 [3] (or *Libelluloidea* Leach *in* Brewster, 1815)
- *Libellulidea* Latreille, 1804 [3] (or *Libellulidae* Leach *in* Brewster, 1815)
- *Dicteriadidae* Selys, 1853 (ad *Legio Dicterias* Selys, 1853 [5])
- *Aeschnosomidae* Fleck *in* Aberlenc, 2020
- *Cordulegastridae* Selys, 1854 (ad *Legio Cordulegaster* Selys, 1854 [6])
- [1] **Tillyard R.J. & Fraser F.C. 1938** - A reclassification of the Ordre *Odonata* based on some new interpretations of the venation of dragonfly wing. Part I. - *Austr. Zool.*, 9 (2) : 125-169. - [ONLINE](#)
- [2] **Muttkowski R.A. 1910** - Catalogue of the Odonata of North America. - Bulletin of the Public Museum of the City of Milwaukee, 1 : 1-207. - [ONLINE](#)
- [3] **Latreille P.A. 1804** - Histoire naturelle, générale et particulière des Crustacés et des Insectes. Volume 12. - Paris. - [ONLINE](#)
- [4] Silsby J. & Parr M.J. 2001 - *Dragonflies of the World*. - Smithsonian Books.

- [5] **de Selys Longchamps E. 1853** - Synopsis des Caloptérygines. – *Bull. Acad. Belg.*, annexe 1853-1854, lue à la séance de l'Académie le 29 juillet 1853, paru en 1853, ré-édité en 1854. - [ONLINE](#)
- [6] **de Selys Longchamps E. 1854** - Synopsis des Gomphines. - *Bull. de l'Acad. roy. des Sc. de Belgique*, 7 : 23-112. - [ONLINE](#)

Moving forward, I can confirm that I am (now) able to point out errors in the recent reclassification of *Calopterygoidea sensu lato* splited into different superfamilies by Carter & al. (2026). Some of these classifications do not hold up in terms of genetic relationships. However, the bulk of it is acceptable... we can expect further confirmation, but I have no problem using this document—which is the “best” on the subject for now—and making corrections when the time comes.

17 juin 2026 (JA to DP et CD) - See John's comments below. Thoughts?

John Tann to JA (11 juin 2026)

This is about *Protoneuridae* Tillyard, 1917

The author citation may be in question. I found more about this family-group and author.

History

1857 — Selys establishes *Protoneura*.

1871 — Selys establishes Legion *Protoneura*, including *Platysticta*, *Disparoneura*, *Protoneura*, *Neoneura*, etc.

1905 — Jacobson & Bianchi formally recognise *Protoneurinae*.

1917 — Tillyard elevates Selys' legions to subfamilies and redescribes *Protoneurinae*.

- **de Selys Longchamps E. 1857** - Odonates de Cuba. - In : Guérin-Méneville, F.E. (ed.) : de la Sagra R. (éd.) [traduction] - Histoire physique, politique et naturelle de l'île de Cuba. Animaux articulés à pieds articulés. - Paris, A.Bertrand : 436–472. - [ONLINE](#)
- **Selys-Longchamps, E. 1871** - "*Aperçu statistique sur les Névroptères Odonates*". Transactions of the Entomological Society of London (in French). **19**: 409-416 [415].
- **Jacobson, G. G.; Bianchi, V. L. (1905)** - Orthoptera and Pseudoneuroptera of the Russian Empire and bordering countries [Прямкрылые и ложносетчатокрылые Российской империи и сопредельных стран] (in Russian). St. Petersburg: A.F. Devrien. pp. 952 [726, 836]. Snapshots attached.
- **Tillyard, R.J. (1917)** - The biology of dragonflies (Odonata or Paraneuroptera). Cambridge: Cambridge University Press. pp. 396 [279].

I have dangerously little experience with taxonomic naming. However, I understand that strong views are held about using, or not using, Selys' Legion names and acknowledging Selys for them. I think that is better left to those who understand the complexities there.

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Ложносетчатокрылыя: стрекозы.

32 (19). Задний или нижний секторъ треугольника не равный или зачаточный, не переходит за конецъ четырехугольника. — Дужка съ переломомъ, секторы дужки начинаются на ея переднемъ концѣ. Промежуточныхъ секторовъ нѣтъ, за исключеніемъ заузелковаго Подсемейство **Protoneurinae**. Птеростигма ромбообразная; передний край ея одинаковой длины или длиннѣе, чѣмъ задний. Губы короткія, нижняя закругленная. (Родовая группа *Alloneurinae*). — Передний или верхний секторъ треугольника оканчивается нѣсколько передъ серединой крыла или на ней. Птеростигма одинаковой длины или длиннѣе, чѣмъ лежащая за ней ячейка. Секторы дужки разъединены у основанія. Первый членикъ усиковъ одинаковой длины со вторымъ **Disparoneura**.

2 mai 2026 (CD to DP et JA)

Zoraena bilineata (Carle, 1983) [*Zoraena*] → *Zoraena bilineata* Carle, 1983

25 avril 2026 (CD to DP et JA - précisions)

As agreed... I have conducted further research on *Cordulegaster annulatus intermedius*. It turns out that Teischinger (1979) had already resolved the issue in conjunction with his description of *Cordulegaster heros*. And I find the original about *Davidius davidii shaanxiensis*.

First, the correct name is *Cordulegaster annulatus* race *intermedius* Selys, 1858. It is synonymous with *Cordulegaster picta* Selys, 1854, which leaves little room for doubt according to the demonstration by Teischinger (1979 - see below : annexe), who considers that it should be a subspecies (cf. *Cordulegaster picta intermedia* Selys, 1858). Teischinger's (1979) attribution to Selys & Hagen does not appear to be well-founded, since the book—written primarily by Selys—states: « Je [= Selys] propose de donner le nom d'*intermedius* à des exemplaires très singuliers qui ont été communiqués par M.Hagen, et qui, s'ils ne constituent pas une espèce distincte, me semblent tout au moins former une race remarquable. » (= «I [i.e. Selys] propose naming the highly unusual specimens reported by Mr. Hagen *intermedius*; while they may not constitute a distinct species, they seem to me to form, at the very least, a remarkable race.»).

- **de Selys Longchamps E. & Hagen H.A. 1858** - *Monographie des Gomphines*. - Muquardt, Bruxelles, Leipzig : 460 pp. - [ONLINE](#)

- **Theischinger G. 1979** - *Cordulegaster heros* sp. nov. und *Cordulegaster heros pelionensis* ssp. nov. zwei neue Taxa des *Cordulegaster boltoni* (Donovan) – Komplexes aus Europe (Anisoptera : Cordulegasteridae). - *Odonatologica*, 8 (1), 1^{er} mars 1979 : 23-38 + fig. - [PDF LINK](#)

11 avril 2026 (CD to DP et JA)

I am revisiting my suggestions from December 20, 2025, regarding the two articles by Kirby published in 1894. While all the corrections have been made on WOL, one of them was omitted in the following pair:

Pseudophaea carissima Kirby, **1894** [a] → *Euphaea splendens*

Pseudophaea carissima var. *viridissima* Kirby, **1894** [a] → *Euphaea splendens*

- **Kirby W.F. 1894a** - Catalogue of the described Neuroptera Odonata (Dragonflies) of Ceylon, with Descriptions of New Species. - *J. of the Linnean Society, Zoology*, XXIV (473-590: No. 157), July 10, 1894: 545–566 + 2 pl.

***Libellula plebeia* Müller, 1767** is given as a synonym of *Aeshna grandis* by Hagen (1839), which I am inclined to believe is correct. I have not investigated this little-known synonymy further. The context is ultimately somewhat more complex, since *Libellula plebeia* (written *plebeja* by Hagen 1839: page 57) is the delta (∂) variety of O.F. Müller's (1867) *quadrifasciata*, which was broken down variety by variety to establish the synonymy. This was at the dawn of odonatological taxonomy: I may elaborate on the subtle details at a later time.
[19 avril, 2 mai 2026 : non traitée]

Schneider et al. (2025) propose *Chlorogomphus satoi hamalaineni* Karube, 2013 (*comb. nov.*), which is listed as a synonym of *Chlorogomphus satoi* on WOL; however, according to the information available to me, this taxon was described as ***Chlorogomphus nasutus hamalaineni* Karube, 2013**. This latter trinomial must be synonymous with *Chlorogomphus satoi*.

Schneider T. et al. 2025 - Molecular phylogenetic analysis of the family *Chlorogomphidae* (Odonata, Anisoptera). - *Invertebrate Systematics*, 39, September 4, 2025: IS25016.

***Chlorogomphus holophaeus* Navás, 1936** is synonymous with *Chlorogomphus infuscatus* in my opinion.

For information, the protonym of *Chlorogomphus okinawensis* is a trinomial: ***Chlorogomphus brevistigma okinawensis* Ishida, 1964**.

The taxon ***Cordulegaster annulatus intermedius* Selys, 1857** (*nomen oblitum*) is most likely synonymous with *Cordulegaster heros* Teischinger, 1979 (*nomen protectum*) due to its divergent geographic distribution from

Cordulegaster boltonii, of which it cannot be a synonym as indicated on the WOL. This makes it a forgotten name. **At the very least**, the spelling needs to be corrected: it is not *annulata*. According to an old article by Boudot (2001), it belongs to the *boltonii* group of the eastern subgroup, in which, after several adjustments, there is no longer a *boltonii* but now various species.

This taxon is found under *Aeshna annulata intermedius* (Selys, 1857), classified under *Cordulegaster picta* (a taxon that, in my opinion, should actually be classified in the genus *Thecagaster*!) as a synonym: this **poorly worded synonymy should be removed** from the WOL. [révision de la situation le 25 avril 2026]

• **Boudot J.P. 2001** - The Cordulegaster of the Western Palearctic: identification and distribution (Odonata, Anisoptera, Cordulegastridae). - *Martinia*, 17 (1).

The chronology of Edmond de Selys Longchamps's work on the Cordulines in the early 1870s is chaotic. Indeed, this author did give a summary presentation during a meeting of the Entomological Society of Belgium on November 5, 1870. However, this summary was published in 1872. However, in the meantime, he had published his Synopsis on the Cordulines in 1871. Consequently, some genera described in the abstract initially presented at the November 1870 meeting appeared in 1872, even though they had already been published in detail in 1871! We therefore list them for 1871 and not for 1870, since the summary (presented in 1870) appeared in 1872 after the *Synopsis* of 1871:

- *Aeschnosoma* Selys, 1871
- *Cordulephya* Selys, 1871
- *Hemicordulia* Selys, 1871
- *Oxygastra* Selys, 1871
- *Synthemis* Selys, 1871

de Selys Longchamps E. 1871 - Synopsis des Cordulines. - *Bull. de l'Acad. r. des Sc. de Belgique*, 2e série, XXXI : 238-316 + 519-565. - [ONLINE](#)

de Selys Longchamps E. 1872 - Sous-famille des Cordulines. *In* : Assemblée mensuelle du 5 novembre 1870. - *Annls de la Soc. Entomol. de Belgique*. - [ONLINE](#)

I have noted a synonym (subspecies) for *Davidius davidii* as needing verification, since I do not have the original article:

• **Davidius davidii shaanxiensis Zhu, Yan & Li, 1988** [révision de la situation le 25 avril 2026]

10 avril 2026 (CD to DP et JA)

Nomina nuda...

I maintain, among the synonyms of *Rhyothemis variegata*, and following my email of December 21, 2025, that *Rhyothemis phyllis obscura* Brauer, 1868 (*nomen nudum*) (ok ! for trinomial : Brauer 1868 : page 715) lacks a description (*nomen nudum*). The description was subsequently provided by Ris (1913) under the trinomial *Rhyothemis phyllis obscura* Ris, 1913. Furthermore, it is also necessary to correct *Libellula euphrosine* de Hann in Burmeister, 1839 (*nomen nudum*) because there is no description here either (*nomen nudum*)

To the synonyms of *Rhyothemis variegata*, you may add:

- *Libellula marcia* Fabricius, 1793 (*lapsus*), which corresponds to *Libellula marcia* Drury, 1773
- *Rhyothemis chryseis* Hagen, 1867 (*nomen nudum*)
- *Rhyothemis medea* Hagen, 1867 (*nomen nudum*)

The last two names are quietly mentioned in one of his two articles on the Odonata of Cuba (Hagen 1867 : page 232) and given again by Brauer (1868 : page 715).

- **Brauer F. 1868** - Verzeichniss der bis jetzt bekannten Neuropteren im Sinne Linné's. Zweiter Abschnitt. - *Verhandlungen K.K. zoologisch-botanischen Gesellschaft Wien*, 18 : 711-742.
- **Burmeister H. 1839** - *Handbuch der Entomologie*. - Enslin, Berlin [Libellulina : 805-862].
- **Fabricius J.C. 1793** - *Entomologia systematica emendata et aucta*. Tom. II. - Hafniae. - [ONLINE](#)
- **Hagen H.A. 1867** - Die Neuroptera der Insel Cuba. - *Entomologische Zeitung herausgegeben von dem entomologischen Vereine zu Stettin*, 28 : 215-232. - [ONLINE](#)

- **Ris F. 1913** - Die Odonata von Dr. H.A. Lorentz' Expedition nach Südwest-Neu-Guinea 1909 und einige Odonata von Waigö. - *Nova Guinea*, 9 : 471–512.

9 janvier 2026 (CD [compléments] to DP et JA)

I forget : **Mesocordulia** May, 1992 is correct, not 1991 with : *Mesocordulia batesi*, *Mesocordulia campana*, *Mesocordulia caudacuta* (from *Neocordulia*).

- **May M.L. 1992** - A Review of the Genus *Neocordulia*, with a description of *Mesocordulia* subgen. nov. and of *Neocordulia griphus* spec.nov. from Central America, and a note on *Lauromacromia* (Odonata : Corduliidae). - *Folia Entomologica Mexicana*, 82 : 17–67.

- **De Marmels J. 2024** - *Neocordulia maurocostai* sp. nov. (Odonata, Anisoptera : Oxygastridae), a new species of Emerald dragonfly from western Pantepui region, Venezuela. - *Zoologica*, 5493 (1), 8 août 2024 : 72-78.

Nota : au 10 avril 2026 ces informations n'ont pas été intégrées par la WOL.

Année 2025

20 décembre 2025 (CD to DP et JA)

A reading of the taxonomic elements of the recent article by Dow et al. (2025) reveals some inaccuracies, some of which are unexpected to resolve for the WOL.

Dow R.A. & al. 2025 - Odonata of the Kampar Peninsula: the first systematic survey of Odonata in Peat Swamp Forest in Sumatra. - *Zootaxa*, 5732 (1), 18 décembre 2025 : 1-70.

An article by Kirby gives two dates, 1893 and 1894, but the correct date, duly verified, is 1894. There are in fact two articles by Kirby that year with descriptions.

- **Kirby W.F. 1894a** - Catalogue of the described Neuroptera *Odonata* (Dragonflies) of Ceylon, with Descriptions of New Species. - *J. of the Linnean Society, Zoology*, XXIV (473-590 : n°157), 10 juillet 1894 : 545-566 + 2 pl.

- **Kirby W.F. 1894b** - IV. On a small collection of Odonata (Dragonflies) from Queensland, with descriptions of five new species. - *Annals and Magazine of Natural History*, Series 6 (14) : 15–21.

I am providing the list of new taxa formed by Kirby (1894a, 1894b) for review. I have highlighted in bold the date corrections that I have identified. Please note that three binomials are orphaned... I will investigate whether they can be attributed to a particular species or not.

Bradinopyga Kirby, **1894**

Brachydiplax australis Kirby, 1894 [b] → *Brachydiplax denticauda*

Elatoneura oculata Kirby, 1894 [a]

Lestes decipiens Kirby, **1894** [a]

Orthetrum nigrifrons Kirby, 1894 [b] → NA

Orthetrum tricolor Kirby, 1894 [a] → NA

Platysticta apicalis Kirby, **1894** [a]

Disparoneura sita Kirby, **1894** : *Prodasineura sita* (Kirby, **1894**) [a]

Pseudophaea carissima Kirby, **1894** [a] → *Euphaea splendens*

Pseudophaea carissima var. *viridissima* Kirby, **1894** [a] → *Euphaea splendens*

Rhyothemis chloe Kirby, 1894 [b]

Rhyothemis lankana Kirby, 1894 [a] → NA

Rhyothemis princeps Kirby, 1894 [b]

Rhyothemis turneri Kirby, 1894 [b] → *Rhyothemis resplendens*

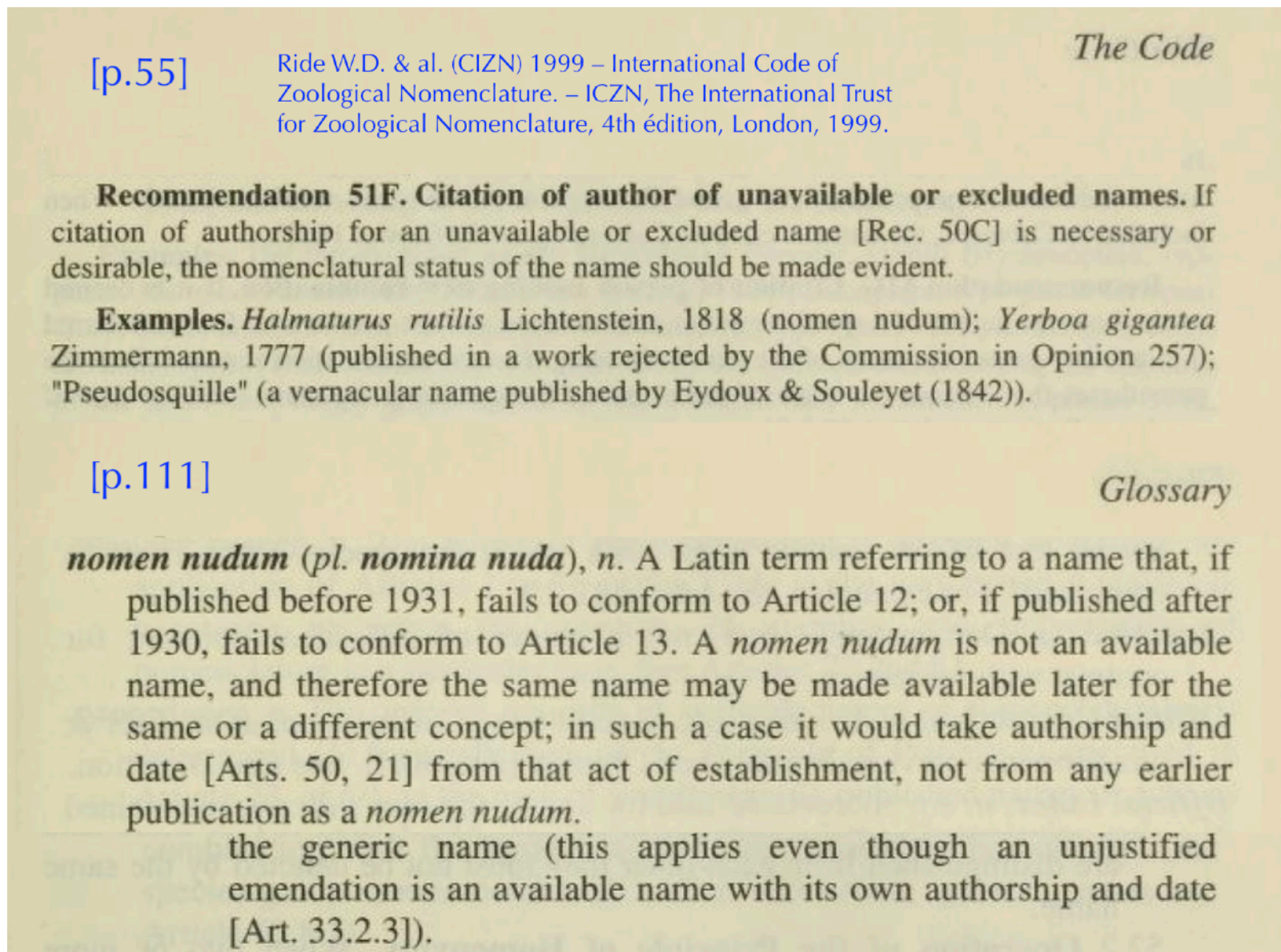
Tetrathemis yerburii Kirby, **1894** [a]

Urothemis vittata Kirby, **1894** [a] → *Macrodiplax cora*

The following synonym should be added to *Brachygonia oculata*: *Microdiplax delicatula* by Selys Longchamps, 1889. Revealed by Dow et al. (2025), it is present, for example, in Steinmann (1997)... I think this is an oversight.

15 décembre 2025 (CD à DP et JA)

A note on *nomina nuda* !



Note that I just find : I first read Steinman (1997) and Bridges (1994) but going back to Ris (1913) it seems to be a confirmation of *nomen nudum*, the I go back to Selys (1878) (small description : why ?), I find at last Brauer text (1868) group C with two species.

- And Ris (1913) with correct citation here: **Ris F. 1911-1912 - *Libellulinen II.*** - Collections Zoologiques du baron Edm. de Selys Longchamps, fasc. XII et XIII (1911), fasc. XIV (1912), Catalogue systématique et descriptif, Hayez, Bruxelles : 385-836 [fasc. XII : 15 mars 1911 : 385-528, fasc. XIII : 30 octobre 1911 : 529-700, fasc. XIV : 25 juillet 1912 : 701-836, fasc. XV. - [ONLINE](#)

e. Rh. phyllis obscura.

Rhyothemis obscura BRAUER, Zool. bot. Wien, 18, p. 715 (1868) (Amboina, nomen nudum).
— SELYS, Mitt. Mus. Dresden, 1878, p. 299 (1878) (nur die Notiz sub *Rh. Snelleni*
« l'*obscura* BRAUER, d'Amboine, possède au contraire au nodus une tache noire plus
grande que chez la *phyllis* »).

? *Rhyothemis phyllis* FÖRSTER (MOCSÁRY), Termesz. f. 21, p. 271 (1898) (Erima, Astrolabe
Bay).

Coll. SELYS : 2 ♂ Batjan; 1 ♂ Amboina; 1 ♂ Ceram (RENESE); 1 ♀ Moluques (LORQUIN);
1 ♂ Neu Guinea, Port Moresby (Dr. FINSCH). — Coll. RIS : 1 ♂ Piroe, Ceram (durch ROLLE,
Berlin); 16 ♂, 12 ♀ Aru Inseln (XI.1910, IV.V.VI.VII.VIII.IX.1911, H. ELGNER).

A complete and detailed description follows on page 944.

- *Rhyothemis obscura* in de Selys Longchamps (1878) [!] with a very short description... is-it enough ? I don't think so because I think that Selys fast read Brauer text and think about a monotypy of the groupe C of Brauer (1868) but this short description is good for two taxas and it is in Brauer (see after) an initial sorting and not an actual description

Rhyothemis Snelleni Selys.

♂ Abdomen 22, aile inférieure 27^{mm}.

Selys (1878)

Nouvelle Guinée

Voisine de la *R. Phyllis* Sulz.

C'est peut-être une race plus petite et plus grêle de l'*Amaryllis* Selys, à laquelle elle ressemble par le peu d'étendue des trois taches noirâtres de la base et du bord anal des ailes inférieures, mais elle s'en distingue par le ptérostigma (noir) long de 2^{mm} qui est aussi court que chez la *Phyllis* type, et par la tache noirâtre arrondie de l'angle anal plus rapprochée de la médiane qu'elle touche presque. Il n'y a que 4 cellules posttrigonales (5 chez la *Phyllis* et l'*Amaryllis*).

Elle se sépare de la *Phyllis* par le peu d'étendue des trois taches noires basales des ailes inférieures et par l'absence de large espace jaune entre la petite tache anale et les précédentes, cet espace jaune étant rudimentaire. — Enfin le nodus aux quatre ailes est à peine marqué de noir.

Patrie: Célèbes. Un mâle unique, Coll. Selys.

→ NB. L'*obscura* Brauer, d'Amboine possède au contraire au nodus une tache noire plus grande que chez la *Phyllis*.

- *Rhyothemis obscura* Brauer, 1868 is really a *nomen nudum*

5. Gattung. *Rhyothemis* Hg. 1867.

Augen eine kurze Strecke verbunden, Hinterrand des Prothorax dreilappig, der mittlere Lappen ganz. Hinterleib kürzer als die Flügel, schlank, am Grunde kaum dicker und vor dem Ende beim Manne etwas erweitert, beim Weibchen compress. Grund der Hinterflügel erweitert, Pterostigma klein. Oberer Sector des Dreiecks fast gerade, Dreieck mässig weit oder schmal. Anhänge kurz, Genitalien des ♂ am 2. Ring wenig vortretend, Vulva mit einer kleinen Klappe bedeckt. Hamulus zweitheilig. Sectoren des Arculus im Vorderflügel von einem Punkt entspringend, sitzend. Gewöhnlich 1–2 Supratrangular-Queradern. Leib meist dunkel metallisch, Flügel stark gefärbt oder gefleckt.

Brauer (1868)

Verzeichniss der bis jetzt bekannten Neuropteren.

715

A. Flügel in der ganzen Ausdehnung gelb hyalin, stark schwarz oder schwarzbraun gefleckt.

Sp. *splendida* Rbr. China (M. C.).

murcia Fabr. Madras, Ceylon, Nicobaren (M. C.).

graphiptera Rbr. Neuholland (Melbourne M. C.).

Anacharis Hg. litt. Halmahera (verwandt mit der vorigen).

chryseis Hg. litt. Pellew-Inseln (verw. m. *splendida*).

Medea Hg. litt. Halmahera (verw. m. *splendida*).

Sp. Hg. Insel Formosa (sehr grosse mit *splendida* verw. Art).

vitellina Brau. Pellew-Inseln.

B. Vorderflügel von der Spitze bis zum Nodus, Hinterflügel an der Spitze bis innerhalb des Pterostigma vollkommen farblos hyalin.
variegata L. China, Ostindien, Ceylon (M. C.).

C. Flügel grünlichbraun hyalin, die Spitze braun gesäumt, die Basis der Hinterflügel dottergelb, schwarz gefleckt.

Phyllis Sulz. Java, Manilla, Celebes, Sumatra, Pellew-Inseln (M. C.).

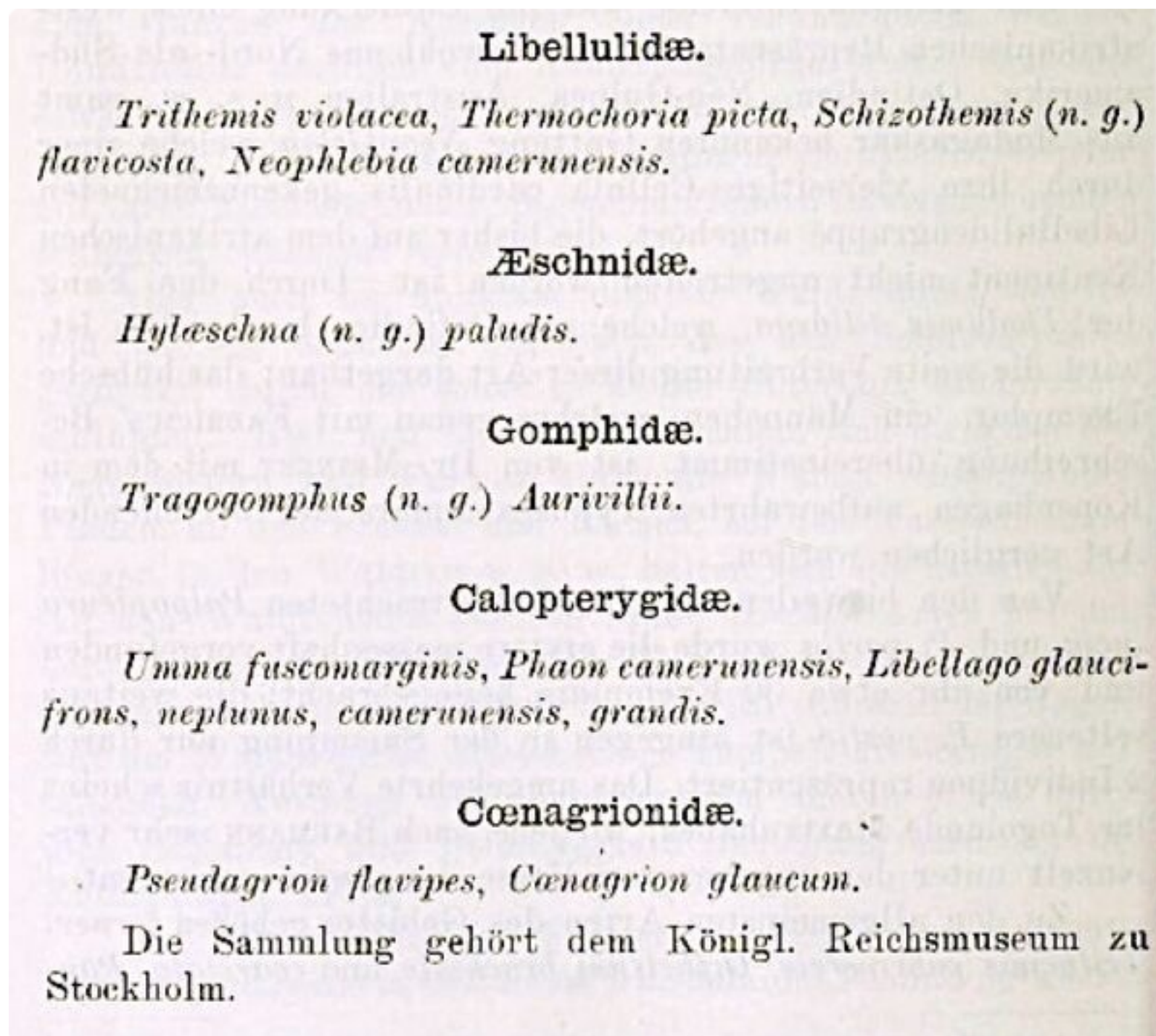
obscura Brau. (? *Phyllis* var.) Amboina (M. C.).

D. Flügel des ♂ hyalin, am Vorderrand und an der Spitze braun gesäumt, beim ♀ an der Spitze hyalin und stark gefleckt auf der Fläche, Basis wie bei C.

18 février 2025 (CD à DP et JA)

Management of lists with more than three authors : with mentions *et al.*

I noticed in the WOL what I assumed to be a date inconsistency, since the taxa attributed to Sjöstedt have two close dates: 1899 and 1900. However, the corresponding article can be found in a journal dated March 6, 1899, which is the correct date for the taxa concerned (Cover of the Monographie on the Odonates du Cameroun of March 8, 1899 : against).



(1899 : bottom of the page 6)

- *Coenagrion glaucum* Sjöstedt, 1900 : *Pseudagrion glaucum* (Sjöstedt, 1900) → correct date : *Coenagrion glaucum* Sjöstedt, 1899 : *Pseudagrion glaucum* (Sjöstedt, 1899)
- *Hylæschna* Sjöstedt, 1899 [correct date here] [obsolete genus] – Note : the date of *Hylæschna paludis* Sjöstedt, 1899 [synonym of *Phyllomacromia paula*] is correct on the WOL.
- *Libellago camerunensis* Sjöstedt, 1899 → correct name : *Libellago camerunensis* Sjöstedt, 1899, the date is correct on the WOL.
- *Libellago glaucifrons* Sjöstedt, 1900 → correct date : *Libellago glaucifrons* Sjöstedt, 1899 [synonym of *Chlorocypha cyanifrons*]
- *Libellago grandis* Sjöstedt, 1900 → correct date : *Libellago grandis* Sjöstedt, 1899 [synonym of *Stenocypha gracilis* : anteriority to be studied]

- *Libellago neptunus* Sjöstedt, 1900 : *Chlorocypha neptunus* (Sjöstedt, 1900) → correct date : *Libellago neptunus* Sjöstedt, 1899 : *Chlorocypha neptunus* (Sjöstedt, 1899)
- *Phaon camerunensis* Sjöstedt, 1900 → correct date : *Phaon camerunensis* Sjöstedt, 1899
- *Pseudagrion flavipes* Sjöstedt, 1900 → correct date : *Pseudagrion flavipes* Sjöstedt, 1899 [synonym of *Pseudagrion hemicolon* : anteriority to be studied]
- *Tragogomphus* Sjöstedt, 1900 → correct date : *Tragogomphus* Sjöstedt, 1899
- *Tragogomphus aurivillii* Sjöstedt, 1900 → correct date : *Tragogomphus aurivillii* Sjöstedt, 1899
- *Trithemis violacea* Sjöstedt, 1900 → correct date : *Trithemis violacea* Sjöstedt, 1899
- *Umma fuscomarginis* Sjöstedt, 1899 [synonym of *Umma mesostigma*]. This taxon is well dated to 1899 on the WOL.

Pidancet undertook a collection of dragonflies from the Besançon region of France, which has been deposited at the Musée de Poligny (Jura department, France) (David [2020]). Pidancet (1856) adds two taxonyms that seem to have escaped the authors. The photographs in the collection are in line with Pidancet's (1856) description and account for the following "new" synonymies, for which I agree with Gwénaél David. As this collection is housed in a "rural" museum and contains two types that are new to science (*typus*), local naturalists are taking steps to safeguard it.

- *Aeshna just*i Pidancet, 1856 is a synonym of *Aeshna juncea*.
- *Libellula bruandi* Pidancet, 1856 is a synonym of *Orthetrum brunneum*.

Further research shows that Barbiche (1887) agrees with the second synonym. For the first one he wondered as Dommanget (1998) do too, but Martin (1888) with this synonymie, as ourself (G.David et C.Deliry, *com.*).

Notes : This little-known synonymy was proposed here on the basis of photo examination of the holotype (David [2020], C.Deliry, *com.* confirmed with G.David, *in litt.*, September 2020). *Aeshna just*i presented by Pidancet (1856) proves to correspond in my opinion (*com.*, 2020), shared by that of Gwénaél David (*in litt.*) to *Aeshna juncea*. The type is in a Franche-Comté collection at Poligny and I plan to work on it. Dommanget (1998) had already spotted this synonymy, but did not give it as certain. In addition, Boudot & al. (1998) quote Barbiche (1887), who thinks it could be correct, and Martin (1888), who considers the association to be correct. Barbiche (1887) points out that the *just*i is dedicated by Pidancet (1856) to his brother. The main authors of Catalogues sur les Odonates have not dealt with this taxonym. Dommanget (1998) says that the description of *Aeshna just*i resembles that of *Aeshna juncea* quite well, while pointing out that it is curious that Pidancet did not use this name, which was well known at the time (Note, however, that at the time the definition of *Aeshna juncea* was in fact not all that clear (*com.*, February 18, 2025)). Dommanget (*op. cit.*) has not found an equivalent in catalogs, particularly Bridges' (1994). He proposes synonymy with [?]. This author does not know how best to associate *Libellula bruandi* with anything other than an *Orthetrum*, a correspondence not made by authors until now. Boudot & al. (1998) refine Dommanget's (1998) thinking by adding that Barbiche (1887) thinks that the description seems to come very close to *Aeshna juncea* and Martin (1888) says that it is a species "which can only be the *juncea*". As for *Libellula bruandi*, Barbiche (1887 in Boudot & al. 1998) says it is *Orthetrum brunneum*. These conclusions are identical to ours, but have escaped the authors.

Typographics errors on the WOL (Puget Sound)

- *Metagrion annhueberae* Kalkman & Richards, 2023 → *Metagrion annhueberae* Kalkman & Richards, 2023
- *Calopteryx splendens tschaldirica* Bartenev, 1909 → *Calopteryx splendens tschaldirica* Bartenev, 1909 [synonym of *Calopteryx splendens*]
- *Prodasioura huai* Zhou & Zhou, 2007 → *Prodasioura huai* Zhou & Zhou, 2007 [synonym of *Prodasioura fujianensis*]
- *Epophthalmia kuani* Jiang, 1998 → *Epophthalmia kuani* Jiang, 1998 [synonym of *Epophthalmia elegans*]
- *Epophthalmia frontalis malabarensis* Fraser, 1935 → *Epophthalmia frontalis malabarensis* Fraser, 1935 [synonym of *Epophthalmia frontalis*]

19 février 2025 (CD to DP et JA)

- The placement of *Enallagma maldivense* in the genus *Aciagrion* removes the species *Enallagma maldivense* Laidlaw, 1902 from the list (duplicate !).
- *Protosticta sexcolorata* Chandran, Muneer, Madhavan & Jose, 2023 → correct date : *Protosticta sexcolorata* Chandran, Muneer, Madhavan & Jose, 2024. Note that *Protosticta sexcoloratus* (Chandran & al. 2023) is a preprint : *nom. illeg.*.
- As synonym of *Aciagrion occidentale*, you must complete the date for *Enallagma insula* Fraser, 1920

Small things

- In the synonymie of *Calopteryx splendens* the alphabetical order suggests : Syn *Calopteryx amasina* before Syn *Calopteryx intermedia cecilia*.

Typographics errors on the WOL (Puget Sound)

- *Nesobasis badamuensium* Marinov & Rashni, 2023 → *Nesobasis baidamuensium* Marinov & Rashni, 2023
- *Pseudagrion acutidens* Seehausen, Kalkman & Bedjanic, 2025 → *Pseudagrion acutidens* Seehausen, Kalkman & Bedjanič, 2025
- *Pseudagrion halmaherae* Seehausen, Kalkman & Bedjanic, 2025 → *Pseudagrion halmaherae* Seehausen, Kalkman & Bedjanič, 2025
- *Pseudagrion igneum* Seehausen, Kalkman & Bedjanic, 2025 → *Pseudagrion igneum* Seehausen, Kalkman & Bedjanič, 2025
- *Pseudagrion nigrihumerae* Seehausen, Kalkman & Bedjanic, 2025 → *Pseudagrion nigrihumerae* Seehausen, Kalkman & Bedjanič, 2025

Management of lists with more than three authors : with mentions *et al.*

Suggested rules - First rule (not in use on the WOL) : replace more than three authors with & al. : First-descriptor & al., date. But I understand that this is technically difficult for the *Odonata Central* version. This INCZ-accepted option is not applied to either version of the WOL. Second rule : if at least one of the descriptors is in the list of authors of the bibliographic reference, the entry Descriptor(s) in Author(s), date is simplified to Descriptor(s), date. There are numerous cases, the first of which date back to the mid-19th century. I propose the choice in the next examples.

- *Drepanosticta batanta* Kovács & Theischinger in Kovács et al., 2015 → *Drepanosticta batanta* Kovács & Theischinger, 2015 : descripteurs dans la liste des auteurs ! Full version : *Drepanosticta batanta* Kovács & Theischinger in Kovács, Theischinger, Horváth & Juhász, 2015
- *Protosticta francyi* Sadasivan, Vibhu, Nair & Palot in Vibhu et al., 2022 → *Protosticta francyi* Sadasivan, Vibhu, Nair & Palot, 2022 : descripteurs dans la liste des auteurs ! Full version : *Protosticta francyi* Sadasivan, Vibhu, Nair & Palot in Vijayakumaran, Nair, Palot & Sadasivan, 2022
- *Nososticta stueberi* Theischinger et al., 2023 → *Nososticta stueberi* Theischinger, Mitchell, Richards & Polhemus, 2023
- *Nososticta tagula* Theischinger et al., 2023 → *Nososticta tagula* Theischinger, Mitchell, Richards & Polhemus, 2023

Discarded taxa : orphaned taxa

- *Alloneura lansbergei* de Selys Longchamps, 1886 (ad *Prodasineura lansbergei*)
- *Hetaerina bogotensis* Förster, 1914

We need to work again on these.

Chandran A.V. & al. 2023 - Description of *Protosticta sexcoloratus* sp. nov. (Odonata, Platystictidae) from the Western Ghats, India. - *bioRxiv*, preprint.

Chandran A.V. & al. 2024 - Description of *Protosticta sexcolorata* sp. nov. (Odonata, Platystictidae) from the Western Ghats, India. - *J. of Asia-Pacific Biodiversity*, 17 (2), 1er juin 2024 : 295-302.

Marinov M. & Rashni B. 2023 - Contribution to the Odonata of Kadvu, Fiji, with erection of three new species (Insecta : Odonata). - *Faunistic Studies in South-east Asian and Pacific Island Odonata*, n°41, 2 septembre 2023.

Seehausen & al. 2025 - [A préciser !] - [cf. *Pseudagrion acutidens*]

Année 2024

23 juillet 2024 (DP to CD et JA)

Question de Dennis Paulson (DP) le 23 juillet 2024 - I was asked about the author(s) of *Uropetala carovei*, so I found your email (17 janvier 2020), where I had accepted your suggestion that the author was White in Dieffenbach, 1843. But in that paper, there was no holotype designated, so I presume this qualifies it as a *nomen nudum*, as Bridges (1994) pointed out. So I think it would be good to change the author back to White, 1846, but looking in Bridges, it would seem to be White in Richardson, 1846.

Bridges C.A. 1994 - *Catalogue of the family-group, genus-group and species-group names of the Odonata of the world*. 3^e éd. - Urbana, chez l'Auteur. - [ONLINE](#)

Ma réponse du 23 juillet 2024 - But you can be sure that : *Uropetala carovei* (White in Dieffenbach, 1843) from *Petalura carovei* White in Dieffenbach, 1843 is the correct version ! It is not a NN as Bridges (1994) said : not a *nomen nudum*. The « type » would be in British Museum !

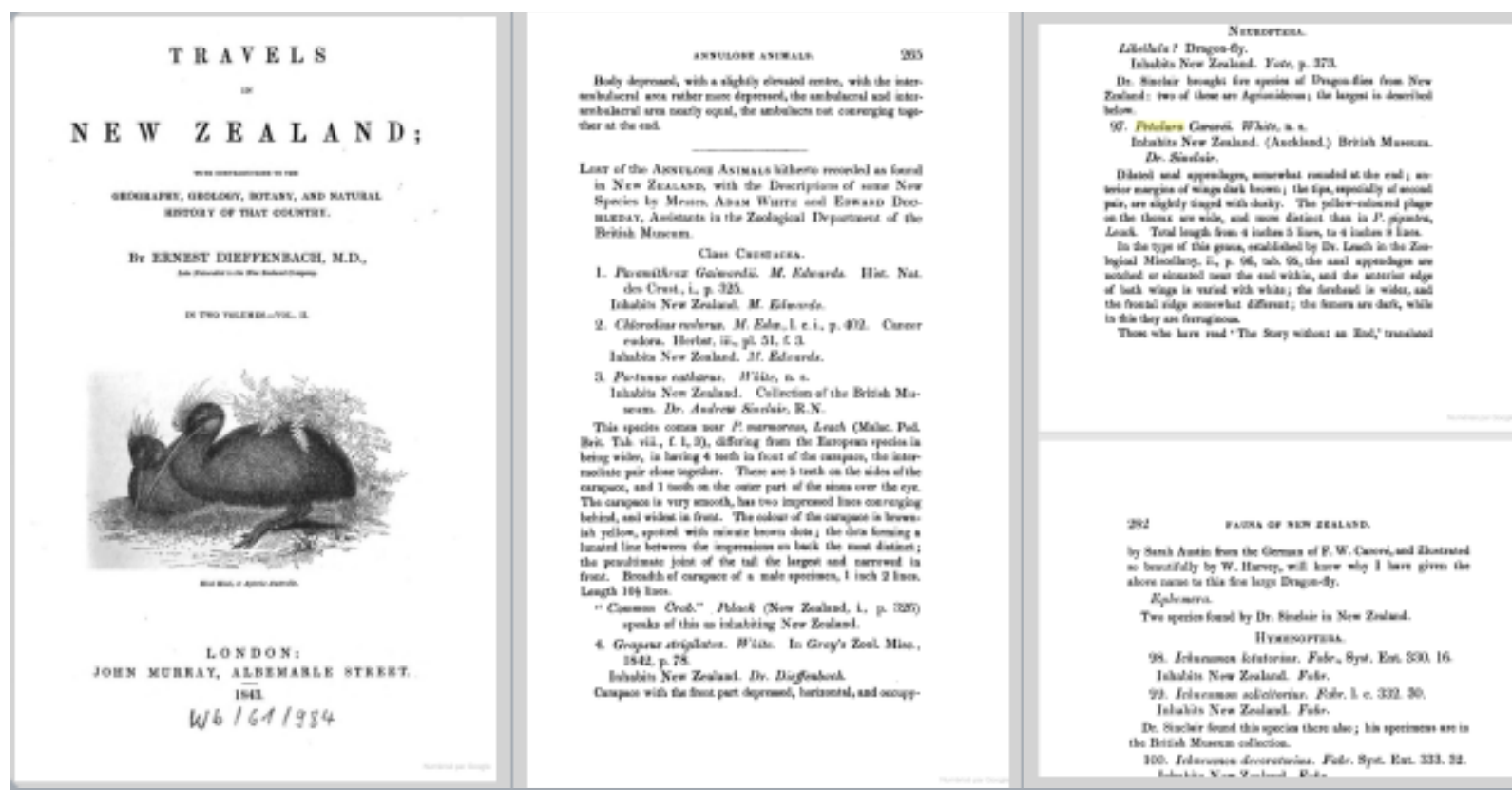
The source is : **Dieffenbach E. 1843** - *Travels in New Zealand, with contributions to the geography, geology, botany and natural history of the country*. - Murray, London, vol. 2 : 281-282. - [ONLINE](#)

and you can consult online the fact that the book is from Dieffenbach, the date 1843, in a chapter written about White and Doubleday, but the species is joined only with the name of White > The White (in White & Doubleday : not useful) in Dieffenbach (1843) !!!

These informations are correct and verified. The only problem that could arise is that the edition is badly dated.

The « traditional » version with White (1846) is not the first description, White in Richardson (1846)... too ! I had find these paper(s), but they are not in my computer here, in holiday. If you need, I will can find them later.

See all joined informations in « images".



Transmission le 25 juillet 2024 des extraits et de la planche de *Petalura carovei* disponible chez White & Gardiner Butler (1846) : **White A. & Gardiner Butler A. 1846** - *Zoology of the voyage of the H.M.S. Erebus & Terror. Insects*. - London. - [ONLINE](#)

Année 2023

15 juillet 2023 (CD to DP et JA)

Nomina nuda chez Hagen (1861), notamment pour des espèces néarctiques : prise en compte de tels noms dans la WOL (Odonata Central)

L'ensemble ou l'essentiel d'une série de taxononymes sont indiqués par Garrison & von Ellenrieder (2019) ainsi que dans les éditions antérieures de ce travail sur les noms d'Odonates du Néarctique, d'abord sous la mention Unav. (= Unavailable), ce qui signifie qu'ils ne sont pas valides, utilement corrigé avec la mention plus officielle *nomen nudum* dans l'édition la plus récente, de 2019.

J'ai rendu compte de cette difficulté dans la WOL (nouvelle version sur *Odonata Central* ; la version initiale de l'Université Puget coordonnée par D.Paulson, ayant renoncé à rendre compte des *nomina nuda* n'est pas concernée) à J.Abbott et D.Paulson (C.Deliry *in litt.* du 15 juillet 2023), avec pour réponse de J.Abbott : "My goal with TaxonWorks has always been to have a place where someone could look up any name that they run across (valid or otherwise) and see where it currently stands. As a result, I consciously have kept nomen nudums in the list. They aren't labeled as such on the WOL and that is an issue though. I need to look into the best way to do that... so this is very helpful.", ce qui signifie (traduction libre) : "Mon objectif avec TaxonWorks a toujours été de disposer d'un endroit où quelqu'un pourrait consulter n'importe quel nom qu'il rencontre (valide ou non) et voir où il se situe actuellement. C'est pourquoi j'ai délibérément conservé les *nomina nuda* dans la liste. Ils ne sont pas étiquetés comme tels sur le WOL et c'est un problème. Il faut que j'étudie la meilleure façon de le faire... c'est donc très utile."

Garrison R. & von Ellenrieder N. 2019 - *A synonymic list of the New World Odonata*. - Document. - [PDF LINK](#)

Hagen H.A. 1861 - *Synopsis of the Neuroptera of North America*. - Smithsonian Miscel. Coll., Washington. - [ONLINE](#)

18 et 20 octobre 2023 (CD to DP et JA)

Signalements pour la WOL (Odonata Central) (voir 15 juillet 2023 (*nomina nuda* chez Hagen (1861), plus bas) :

- *Aeschna cyanifrons* Hagen, 1861 (→ *nomen nudum*) (syn. de *Coryphaeschna adnexa*).
- *Aeschna dominicana* Hagen, 1861 (→ *nomen nudum*) (syn. de *Rhionaeschna psilus*).
- *Aeschna lobata* Hagen, 1861 (→ *nomen nudum*) (syn. de *Rhionaeschna punctata*).
- *Agrion expertum* Hagen, 1861 (→ *nomen nudum*) (syn. d'*Ischnura ramburii*).
- *Cordulia bifurcata* Hagen, 1861 (→ *nomen nudum*) (syn. de (*Cordulia shurtleffii*)).
- *Cordulia chilensis* Hagen, 1861 (→ *nomen nudum*) (syn. de *Gomphomacromia paradoxa*).
- *Cordulia chalybea* Hagen, 1861 (→ *nomen nudum*) (syn. de *Somatochlora forcipata*).
- *Cordulia richardsoni* Hagen, 1861 (→ *nomen nudum*) → [?] [correspondance incertaine] (syn. de *Somatochlora septentrionalis*).
- *Cordulia tenebrica* Hagen, 1861 (→ *nomen nudum* ou *lapsus* !) (syn. de *Somatochlora tenebrosa*).
- *Cordulia valga* Hagen, 1861 (→ *nomen nudum*) (syn. de *Neocordulia setifera*).
- *Euclea terminalis* → de Selys Longchamps *in* Hagen, 1861 (→ *nomen nudum*) (syn. de *Philogenia margarita*).
- *Perithemis cloe* Hagen, 1861 (→ *nomen nudum*) (syn. de *Perithemis tenera*).
- **Cas particulier d'*Aeschna rufina* / *Coryphaeschna rufina*** - Hagen (1877) n'a jamais utilisé le genre *Coryphaeschna* qui n'a été décrit qu'en 1903 par Williamson, donc ultérieurement. En conséquence cette présentation sous *Coryphaeschna rufina* décrite au dit genre par Hagen (1875, recte 1877) par la WOL (*Odonata Central*) crée un nom invalide (*nom. inval.*) et relève de toute évidence d'une erreur de transcription de la présentation faite par Garrison & von Ellenrieder (2019) dans leurs travaux. On trouve toutefois bien, sans description, ce taxonyme sous *Aeschna rufina* chez Hagen (1877), mais ce

taxonome est bien antérieur puisqu'il est cité dès 1855, dans un tableau p.125 sur des Odonates d'Amérique (Anonyme 1855), sans description et avec les annotations suivantes : *nov. sp.*, c'est une nouvelle espèce, avec un individu en collection provenant de "Minas Geraes", localité connue désormais sous Minas Gerais (Brésil). Ce taxonome toujours sans description se retrouve donc plus tard (Hagen 1861, 1877). Garrison & von Ellenrieder (2019) le présentent sous *Aeschna rufina* Hagen, 1877 (*nomen nudum*) et révèlent sa correspondance avec *Coryphaeschna perrensi* (McLachlan, 1887). – [20 octobre 2023]. En final la WOL (Odonata Central) (Paulson & al. [2023] adopte la version *Aeschna rufina* Hagen, 1877 (*nomen nudum*), toutefois il existe des versions antérieures de nomina nuda qui méritent d'être considérées. - [A revoir en détail]

Notes particulières¹.

Anonyme [Hagen H.A.] 1855 - Mödet den 25^{de} Marts. - *Oversigt over det Kgl. danske Videnskabernes Selskabs Forhandlinger*, 1855 : 108-126.

Garrison R. & von Ellenrieder N. 2019 - *A synonymic list of the New World Odonata*. - Document. - PDF LINK

Hagen H.A. 1861 - *Synopsis of the Neuroptera of North America*. - Smithsonian Miscel. Coll., Washington. - [ONLINE](#)

Hagen H.A. 1875 (1876) – *Synopsis of the Odonata of America*. – *Proceedings of the Boston Society of Natural History*, XVIII (1), lecture du 5 mai 1875 au meeting annuel : 20-96. - [À traiter !] ainsi que pages liées.

Signalement pour la WOL (Odonata Central) : compléments *nomina nuda* chez Hagen :

- *Anax validus* Hagen, 1877 (→ *nomen nudum*) (syn. d'*Anax walsinghami*).

21 octobre 2023 (CD to DP et JA)

New species for the WOL,

- *Nesobasis baidamuensium* Marinov & Rashni, 2023
- *Nesobasis nedeltshevae* Marinov & Rashni, 2023
- *Nikoulabasis ilievae* Marinov & Rashni, 2023

Marinov M. & Rashni B. 2023 - Contribution to the Odonata of Kadavu, Fiji, with erection of three new species (Insecta : Odonata). - *Faunistic Studies in South-east Asian and Pacific Island Odonata*, n°41, 2 septembre 2023. - [ONLINE](#)

¹ - *Aeschna cyanifrons* Hagen, 1861 - (*nomen nudum*) synonyme de *Coryphaeschna adnexa*
- *Aeschna dominicana* Hagen, 1861 - (*nomen nudum*) - Unav. selon Garrison (Nomina Insecta Nearctica) synonyme d'*Aeshna psilus*
- *Aeschna lobata* Hagen, 1861 - (*nomen nudum*) synonyme de *Rhionaeschna punctata*
- *Agrion expertum* Hagen, 1861 - (*nomen nudum*) synonyme d'*Ischnura ramburii*
- *Cordulia bifurcata* Hagen, 1861 - (*nomen nudum*) synonyme de *Cordulia shurtleffii*
- *Cordulia chalybea* Hagen, 1861 - (*nomen nudum*) synonyme de *Somatochlora forcipata*
- *Cordulia chilensis* Hagen, 1861 - (*nomen nudum*) synonyme de *Gomphomacromia paradoxa*
- *Cordulia richardsoni* Hagen, 1861 - (*nomen nudum*) synonyme incertain de *Somatochlora septentrionalis*
- *Cordulia setifera* Hagen, 1861 - (*nomen nudum*) synonyme de *Neocordulia setifera* (Hagen in Selys, 1871) finalement décrit en 1871 sous *Gomphomacromia setifera*] Hagen in Selys, 1871
- *Cordulia tenebrica* Hagen, 1861 - (*nomen nudum*) synonyme de *Somatochlora tenebrosa* décrite sous *Libellula tenebrosa* Say, 1840, il pourrait s'agir d'un lapsus !
- *Cordulia valga* Hagen, 1861 - (*nomen nudum*) synonyme de *Neocordulia setifera*
- *Euclea terminalis* Hagen in Selys, 1861 - incorrect : il s'agit en définitive d'*Euclea terminalis* Selys in Hagen, 1861 (*nomen nudum*) synonyme de *Philo-genia margarita*
- *Perithemis cloe* Hagen, 1861 - (*nomen nudum*) - Unav. selon Garrison (Nomina Insecta Nearctica) synonyme de *Perithemis mooma*
Tous ces taxons sont marqués Unav. (= Unavailable) chez Garrison (Nomina Insecta Nearctica).

Année 2020

17 janvier 2020 (CD to DP)

Yesterday I made two steps: **(1)** that of checking the consistency of the main names given on the [IUCN Red List](#) and their correct synchronization with the WOL. The IUCN presents 4080 species, of which 3592 are perfectly consistent with those of the WOL, 378 have the same species name but not exactly the same descriptors (errors of dates, parentheses, commas or more complex). Finally 110 species do not synchronize with the WOL and in this case a more precise examination will be necessary.

(2) I also checked the consistency between the WOL and its XLS version for the main / valid names (not for synonyms), and compared these names with my notes. I discovered about thirty cases to correct in a more or less complex way.

Two main difficulties concern the follow-up and the management of the WOL : **(1)** the synchronization between the online version and the XLS version. I think that a method of copy-paste of the XLS version on the online HTML page should solve this difficulty.

(2) regular updates and the difficulty to highlight the details of these updates. Several proposals have been made by others to solve this issue. It will be necessary to move forward on this one and **find the best solution**.

As a first step, I **propose** to put aside synonyms and concentrate my remarks on the main / valid names of the species. These are propositions...

- We have on the WOL *Acanthagrion chicomendesii* as a good species but on XLS it is done as synonym of *Acanthagrion apicale*. The first solution seems correct¹.
- Same thing for *Acanthagrion hartei* good species on the WOL but synonym of *Acanthagrion obsoletum* on XLS. The first solution seems correct².
- We have simply *Anax selysii* Förster, 1900. The exact Schegel's name is *Libellula selysii*, this is not an exact homonym then the name is not preoccupied. *Libellula selysii* Schlegel, 1849 is a synonym of *Anax guttatus*.
- On XLS correct the authors for *Argia acridens* Garrison & von Ellenrieder, 2018.
- *Calopteryx angustipennis* (Hagen in Selys, 1853) is correct on the WOL but to complete on XLS version.
- *Chlorocypha jejuna* (Karsch, 1898) is correct on the WOL but without bracket and coma to add on XLS.
- Stay only with *Dasythemis venosa* (Burmeister, 1839) / *Libellula venosa* Burmeister, 1839. As proposed by R.W.Garrison, de Haan could have participated but is not the descriptor.
- *Euthore terminalis* is correct on the WOL but need a first bracket on XLS version.
- I think that the correct form is van der Weele and not Van der Weele for *Indolestes risi* / *Lestes risi*. van is generally with a minuscule in netherland I think.
- Stay only with *Orthetrum pruinum* (Burmeister, 1839) / *Libellula pruinosa* Burmeister, 1839. Hagenbach should not be the descriptor.
- *Palaiargia tydecksjueringi* Orr, Kalkman & Richards, 2014 is not perfect on XLS version.
- As other cases we have *Procordulia smithii* (White in White & Gardiner Butler, 1846) / *Cordulia smithii* White in White & Gardiner Butler, 1846
- **White A. & Gardiner Butler A. 1846** - Zoology of the voyage of the H.M.S. Erebus & Terror. Insects. - London. - [ONLINE](#)
- We have as other cases *Sympetrum pallipes* (Hagen, 1874 in Hayden, 1874) / *Diplax pallipes* Hagen in Hayden, 1874 [To confirm ?]. We can interpret Hayden as a director of a « journal » and not as the author of a principal work ?

¹ Finalement la synonymie a été conservée sur la [WOL](#) [2024].

² Finalement la synonymie a été conservée sur la [WOL](#) [2024].



- **Hagen H.A. 1874** - Report on the Pseudo-Neuroptera and Neuroptera collected by Lieut. W.L. Carpenter in 1873 in Colorado. *in* : Hayden F.V. - *Annual report of the United States Geological and Geographical Survey of the Territories*, 7 : 571-606.
- *Uropetala carovei* is yet describe in 1843 *in* [**Dieffenbach E. 1843** - *Travels in New Zealand, with contributions to the geography, geology, botany and natural history of the country*. - Murray, London, vol. 2 : 281-282. - **ONLINE**] by White. We have finally *Uropetala carovei* (White *in* Dieffenbach, 1843) / *Petalura carovei* White *in* Dieffenbach, 1843.
- Complete on XLS version *Zygonyx luctifera* Selys, 1869.
- I think that we need to strike the **minor synonym** *Libellula rufa* Müller, 1767 for *Aeshna grandis* : this is quite right, but this name is done under *Libellula quadrifasciata* Müller, 1767 as a proposed name for a possible species. This resolve the problem of *Rhodothemis rufa* (Rambur, 1842) / *Libellula rufa* Rambur, 1842 which seems without that preoccupied. It is not the case !
- We have *Triacanthagyna obscuripennis* (Blanchard *in* d'Orbigny, 1846) / *Aeschna obscuripennis* Blanchard *in* d'Orbigny, 1846 as other cases
- **Blanchard C.E. 1846** – *Insects*. Volume 6. - *in* : d'Orbigny A.D. – *Voy. Amér. Mérid.* – Bertrand, Paris, (1837-1843), 6 (2) : 1-222 [Odonates : 217 + pl.28].
- I get further six more cases but I want to study them more, generally problems of dates : *Nesoxenia lineage* (Selys, 1879), *Phyllocycla brasilia* Belle 1988, *Polythore batesi* Selys, 1869, *Rhinocypha ogasawarensis* Oguma, 1913 (but 3 publications of this name the same year), *Sympecma paedisca* Brauer *in* Fedstchenko, 1877 (need perhaps a publication !)¹, *Synthemis macrostigma* Hagen *in* Selys, 1871 (I must verify the descriptor first)².

No more things...

¹ A traïter (com. 20 octobre 2024)

² A traïter (com. 20 octobre 2024)

Les *Histoires Naturelles* rassemblent des informations et donnent un état des lieux aussi avancé que possible sur une question, un sujet, une liste d'espèces ou un catalogue... Elles ne traitent généralement que d'un seul sujet ou un seul thème à la fois.

Derniers numéros

- n°68** - Histoire et références odonatologiques pour les Hautes-Alpes - 2024
- n°67** - Liste rouge des Libellules de la Drôme - 2024 (premiers éléments)
- n°66** - Détermination des Odonates de haute montagne. - 2022
- n°65** - Odonates en France. - 2022 [révision en cours]
- n°64** - Essai sur le genre *Somatochlora* dans le Paléarctique et de la zone indo-malaise (Odonata : Corduliidae). - 2020
- n°63** - Liste des Odonates d'Auvergne Rhône-Alpes. - 2020
- n°62** - Lecture libre des Mammifères de France de Martin (1910). - 2020
- n°61** - Odonates des îles Canaries. - 2020
- n°60** - Les régions Naturelles de l'Auvergne. - 2019
- n°59** - Le Ver-lion méditerranéen. - 2019
- n°58** - Poissons de France. - 2019
- n°57** - Fomilions en Poitou-Charentes & Vendée - 2019
- n°56** - Essai de classification phylogénétique des Odonates. - 2018
- n°55** - Les Odonates du genre *Anax* Leach, 1815. - 2018
- n°54** - Les Odonates du genre *Aeshna* Fabricius, 1775. - 2018 - [n°51 à 53 : égarés]
- n°50** - Névroptères de Rhône-Alpes. - 2017
- n°49** - Odonata europaea. - 2017
- n°48** - Noms des Libellules d'Europe. - 2017 - [n°47 : égaré]
- n°46** - Ecrevisses d'Auvergne et du Sud-Est de la France. - 2014
- n°45** - Hautes-Alpes. - 2014
- n°44** - Mollusques. - 2014 - [n°43 : égaré]
- n°42** - Lecture libre du *De Animalibus Insectis* d'Ulysse Aldrovando. - 2014
- n°41** - Les espèces du genre *Megalestes* de Selys Longchamps, 1862 (Odonata : Synlestidae). Une compilation. - 2014
- n°40** - Les espèces du genre *Tamea* Hagen, 1861 (Odonata : Libellulidae). Une compilation. - 2014
- n°39** - Grand Bibliographie des Odonates. - 2015
- n°38** - Atlas des Papillons de jour et Zygènes de la Drôme. - par J.M.Faton - 2014