



# Entomofauna

ZEITSCHRIFT FÜR ENTOMOLOGIE

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Band 18, Heft 29: 477-508    ISSN 0250-4413    Ansfelden, 31. Dezember 1997

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## Nomenclatural and bibliographic corrections to A. PAULY's monograph on African Nomiinae (Hymenoptera, Halictidae)

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### Abstract

All references in A. PAULY's monograph "Classification des Nomiinae Africains" (Koninklijk Museum voor Midden-Afrika / Annalen zoologische Wetenschappen, Tervuren, 1990, vol. 261, pp. 1-206, 452 figs., in French) are compared with the original literature. Four omitted species-group names (*Nomia armatipes* var. *obscuripes* FRIESE, 1930; *N. pallidicornis* DALLA-TORRE, 1896; *N. quadrispinosa* FRIESE, 1930; *N. zualula* STRAND, 1912), 13 papers directly relevant to the topic and 17 published synonymies are added. Five names of species and citations of 22 species-group names are corrected. The kind of fixation of the type species of 13 nominal genus-group taxa is corrected or added. Lectotype designation by A. PAULY was unnecessary for 21 nominal taxa described evidently from one specimen or with direct designation of the holotype ("type"). "Holotypes" of 50 nominal taxa described evidently from more than one specimen without designation of the holotype (type) should be considered as lectotypes designated by PAULY (1990). The authorship or status of 14 names and the date of publication of 7 papers are corrected. Corrections and additions are also given for the following cases: (a) errors and omissions in indication of the sex, page, or figure in the original publication; (b) numerous omissions of references to descriptions of opposite sex, new combinations, keys, taxonomic notes and figures in subsequent publications.

### Zusammenfassung

Die Literaturzitate in A. PAULY's Monographie "Classification des Nomiinae Africains" (Koninklijk Museum voor Midden-Afrika / Annalen zoologische Wetenschappen, Tervuren, 1990, vol. 261, pp. 1-206, 452 figs., französisch) wurden mit der Original-literatur verglichen. 4 übersehene Artgruppen (*Nomia armatipes* var. *obscuripes* FRIESE,

1930; *N. pallidicornis* DALLA-TORRE, 1896; *N. quadrispinosa* FRIESE, 1930; *N. zualula* STRAND, 1912), 13 weitere Arbeiten und 17 veröffentlichte Synonymien werden hinzugefügt. 5 Artnamen und 22 zitierte Namen von Artgruppen werden korrigiert. Die Fixierung von 13 Typusarten wird berichtigt oder hinzugefügt. Die Designation von Lektotypen durch A. PAULY hat sich bei 21 Arten als überflüssig erwiesen. Bei 50 Arten sollte PAULYS (1990) Bezeichnung "Holotypes" als Designation von Lektotypen betrachtet werden. Für 7 zitierte Arbeiten werden Autorenschaft, Publikationsdatum und der Status von 14 Namen korrigiert. Korrekturen und Ergänzungen werden für folgende Fälle angeführt: (a) Fehler und übersehene Angaben zu Geschlecht, Seite und Abbildung in der Originalarbeit; (b) übersehene Literaturstellen zu Beschreibung des anderen Geschlechts, neuen Kombinationen, Bestimmungsschlüsseln, taxonomischen Notizen und Abbildungen in der nachfolgenden Literatur.

Recently Mr Alain PAULY published a large and very important paper entitled "Classification des Nomiinae Africains" (Koninklijk Museum voor Midden-Afrika / Annalen zoologische Wetenschappen, Tervuren, 1990, vol. 261, pp. 1-206, 452 figs., in French). It includes a new classification of African Nomiinae (23 genera), a key to genera, a revision of more than 600 nominal species-group taxa with keys to species of some genera. Three genera and twelve species are described as new. Mr PAULY examined types of about 500 nominal taxa, ascertained many synonymies, designated many lectotypes, and published many new combinations. I checked all references in the monograph by Mr PAULY and compared them with the original literature. I hope that the corrections and additions given below will help the students of the halictid bees. Mr PAULY has seen the manuscript of this paper and supported the idea of its publication.

**Acknowledgements.** I am very grateful to Dr I. M. KERZHNER (Zoological Institute of Russian Academy of Sciences, St. Petersburg) for his advice in to preparation of my manuscript for publication.

### Part I. Main kinds and sources of errors

#### 1. Omission of published names of African Nomiinae

*Nomia armatipes* var. *obscuripes* FRIESE, 1930. Konowia 9 (1): 31.

*Nomia pallidicornis* DALLA-TORRE, 1896: 168 (unjustified emendation for *N. pallicornis* WALKER, 1871).

*Nomia quadrispinosa* FRIESE, 1930. Konowia 9 (1): 17 (nec FRIESE 1915. Dt. ent. Z. 1915 (3): 284).

*Nomia zualula* STRAND, 1912. Ent. Rundschau 29 (16): 104. This name was published conditionally, but is available (Code, Art. 15).

#### 2. Omission of published synonymies

(usually resulting in erroneous indication "syn. nov." by Mr PAULY)

BRAUNS 1926, p. 190: *Nomia rubra* FRIESE, 1904 = *N. strenua* MEADE-WALDO, 1916.

COCKERELL 1931, p. 269: *Nomia nudiventris* FRIESE, 1914 = *N. pyrura* COCKERELL, 1916.

COCKERELL 1932, p. 5: *Nomia notabilis* SCHLETTERER, 1891 = *N. bicornigera* STRAND, 1911.

COCKERELL 1933, p. 180: *Nomia serratula* SMITH, 1875 = *Andrena fausta* SMITH, 1879 = *Nomia serratipes* FRIESE, 1930.

COCKERELL 1935, p. 163: *Nomia patellifera* WESTWOOD, 1875 = *N. nudiventris* FRIESE, 1914; *Andrena matha* CAMERON, 1905 = *Nomia rugicollis* FRIESE, 1930; p. 164: *Nomia scitula* BINGHAM, 1903 = *N. quadrispinosa* FRIESE, 1915; p. 180: *Nomia tridentata* var. *capensis* FRIESE, 1909 = *N. perornata* COCKERELL, 1916.

COCKERELL 1935, p. 322: *Nomia chalconota* GRIBODO, 1895 = *N. namula* FRIESE, 1922 (nomen novum pro *Nomia nana* FRIESE, 1916).

COCKERELL 1936, p. 516: *Nomia atriventris* VACHAL, 1903 = *N. garua* STRAND, 1912; p. 522: *Nomia abblusipes* COCKERELL, 1935 = *N. bicincta* COCKERELL, 1935.

COCKERELL 1942, p. 916: *Nomia tridentata* var. *orientalis* FRIESE, 1909 = *N. tridentata* var. *capensis* FRIESE, 1909.

COCKERELL 1943, p. 375: *Nomia patellifera* WESTWOOD, 1875 = *N. pyrura* COCKERELL, 1916.

MEADE-WALDO 1916, p. 460: *Nomia zonaria* WALKER, 1871 = *N. lamellata* SMITH, 1875.

PAULY 1984, p. 66: *Pseudapis* KIRBY, 1900 = *Nomia (Lobonomia)* WARNCKE, 1976.  
RITSEMA 1876, p. XLV: *Steganomus* RITSEMA, 1873 = *Cyathocera* SMITH, 1875.

### 3. Incorrect valid names of species

*Austronomia halictiella* (STRAND, 1912), not "*Austronomia pseudohalictiella* (STRAND, 1913)". "*Nomia pseudohalictiella*" is an unnecessary new name proposed by STRAND (1913) for *N. halictiella* STRAND, 1912, nec *N. halictiella* COCKERELL, 1905.

*Leuconomia candida* (SMITH, 1875) (= *Nomia aureovittata* COCKERELL, 1917), not "*Leuconomia nigripes* (FRIESE, 1909)" (synonymized with *N. aureovittata* by COCKERELL 1935: 180). The name *Nomia braunsiana* var. *nigripes* FRIESE, 1909 is a junior primary homonym of *N. scutellaris* var. *nigripes* FRIESE, 1904. Accordingly, the name *Leuconomia nigripes* (FRIESE, 1909) is invalid (Code, Art. 57b) and should be replaced.

*Leuconomia pulcherrima* (FRIESE in COCKERELL, 1931), not "*Leuconomia pulchella* (FRIESE in litt.; COCKERELL, 1932)".

*Macronomia neglecta* (SMITH, 1879), not "*Macronomia negligenda* (DALLA-TORRE, 1896)". "*Andrena negligenda*" is an unnecessary new name proposed by DALLA-TORRE (1896) for *Andrena neglecta* SMITH, 1879, nec *Biareolina neglecta* DOURS, 1873.

*Thrinchostoma torridum* (SMITH, 1879), not "*Thrinchostoma nomiaeformis* COCKERELL, 1908" (synonymized by BLÜTHGEN 1930: 537).

### 4. Incorrect citations of names

*Crocisa forbesii* KIRBY, 1900: 21 (not "*Crocisa forbesi*").

*Halictus sakarahensis* BENOIST, 1962: 113 (not "*Nomia sakarahensis*").

*Nomia asclepiadis* COCKERELL, 1943: 371 (not "*Nomia asclepiadas*").

*Nomia heterura subcrudelis* COCKERELL, 1943: 214 (not "*Nomia heterura subcrudelis*").

*Nomia kamerunensis* subsp. *lineata* COCKERELL, 1942: 637 (not "*Nomia kamerunensis* var. *lineata*").

*Nomia kampolicola* COCKERELL, 1943: 215 (not "*Nomia kampalicola*").

*Nomia lividocincta* BENOIST, 1950: 308 (not "*Nomia lividicincta*").

*Nomia rubella* race *jonesi* COCKERELL, 1939: 349 (not "*Nomia jonesi*").

*Nomia rubella* race *matopicola* COCKERELL, 1939: 349 (not "*Nomia matopicola*").

*Nomia rubella* race *neavei* COCKERELL, 1939: 350 (not "*Nomia neavei*").

*Nomia rubella* race *nubicincta* COCKERELL, 1939: 350 (not "*Nomia nubicincta*").

*Nomia rubella* race *pallidior* COCKERELL, 1939: 349 (not "*Nomia pallidior*").

*Nomia schroederi* STRAND, 1914: 114 (not "*Nomia schroederi*"). This name was derived from the name of German entomologist Chr. SCHRÖDER and originally published by STRAND as "*Nomia schröderi*", see Code, Art. 32d (i) (2).

*Nomia tridentata* var. *digitata* FRIESE, 1909: 130 (not "*Nomia capensis* var. *digitata*").

*Nomia tridentata natalensis* COCKERELL, 1916: 213 (not "*Nomia natalensis*").

*Nomia tsavoensis* STRAND, 1920: 93 (not "*Nomia (Meganomia) tsavoensis*").

*Nomia (Crocisaspidia) bevisiana* COCKERELL, 1917: 466 (not "*Nomia bevisiana*").

*Nomia (Crocisaspidia) muscatensis* COCKERELL, 1910: 503 (not "*Nomia muscatensis*").

*Nomia (Crocisaspidia) postscutellaris* STRAND, 1914: 112 (not "*Nomia postscutellaris*").

*Nomia (Crocisaspidia) postscutellaris* var. *kilwicola* STRAND, 1914: 114 (not "*Nomia postscutellaris* var. *kilwicola*").

*Nomia (Halictonomia) PAULY*, 1980: 123 (not "*Halictonomia*").

*Nomia (Stictonomia) bevisiana* COCKERELL, 1917: 466 (not "*Nomia bevisiana*").

### 5. Omitted or incorrectly indicated kind of fixation of the type species of nominal genus-group taxa

*Crinoglossa* FRIESE, 1925 (monotypy);

*Cyathocera* SMITH, 1875 (monotypy);

*Epinomia* ALFKEN, 1939 (original designation);

*Lipotriches* GERSTAECKER, 1858 (monotypy);

*Maynomia* PAULY, 1984 (original designation);

*Nomia* subgen. *Acunomia* COCKERELL, 1930 (original designation);

*Nomia* subgen. *Halictonomia* PAULY, 1980 (original designation);

*Nomia* subgen. *Lobonomia* WARNCKE, 1976 (original designation);

*Nomia* subgen. *Nubonomia* PAULY, 1980 (original designation);

*Nomia* subgen. *Trinomia* PAULY, 1980 (original designation);

*Nomiapis* COCKERELL, 1919 (original designation);

*Steganomus* RITSEMA, 1873 (monotypy);

*Stictonomia* CAMERON, 1905 (monotypy).

### 6. Erroneous indication of the "holotype" and unnecessary designation of the lectotype

"Les types de la collection FRIESE déposés à Berlin ont été désignés comme lectotype chaque fois que possible. Pour COCKERELL, un seul spécimen porte l'étiquette type et celui-ci devient automatiquement le holotype" (PAULY 1990: 5). This approach to the interpretation of type specimens contradicts to the Code (Arts. 73 and 74). The basis for conclusion on the status of type specimen(s) must be the published information, not the number of type specimens in collections.

6a. Lectotype designation by Mr PAULY was unnecessary for the following nominal species-group taxa described evidently from one specimen or with direct designation of "type" ("lectotypes" of these taxa should be considered as holotypes): *Nomia andrei* VACHAL, 1897; *N. anthidioides* GERSTAECKER, 1858 (see GERSTAECKER 1862: 460); *N. betsilei* SAUSSURE, 1891; *N. burorum* var. *nigripes* FRIESE, 1930; *N. chopardi* BENOIST, 1950; *N. collaris* VACHAL, 1903; *N. cubitalis* VACHAL, 1897; *N. eritina* FRIESE, 1915; *N. flavitarsis* FRIESE, 1909; *N. hylaeoides* GERSTAECKER, 1858 (see GERSTAECKER 1862: 461); *N. impressiventris* BENOIST, 1950; *N. inamoena* BENOIST, 1950; *N. lividocincta* BENOIST, 1950; *N. lucens* VACHAL, 1897; *N. meridionalis* COCKERELL, 1936; *N.*

*quartinae* GRIBODO, 1884; *N. rothkirchi* FRIESE, 1914; *N. savignyi* KOHL, 1906; *N. trochanterica* FRIESE, 1908; *N. vulpina* GERSTAECKER, 1858 (see GERSTAECKER 1862: 459). *N. zuala* STRAND, 1911.

6b. "Holotypes" indicated by PAULY (1990) for the following nominal species-group taxa described evidently on more than one specimen without the designation of the holotype (type) or described by F. SMITH (1853, 1875, 1979) (which never indicated the number of specimens in the type series) should be considered as lectotypes designated by PAULY (1990): *Andrena fausta* SMITH, 1879; *A. neglecta* SMITH, 1879; *Crocisa forbesii* KIRBY, 1900; *Crociaspidia albopicta* COCKERELL, 1931; *Halictus aurifrons* SMITH, 1853; *N. admixta* COCKERELL, 1931; *N. angulifera apicata* COCKERELL, 1936; *N. arida* COCKERELL, 1942; *N. armata* SMITH, 1875; *N. basinitens* COCKERELL, 1942; *N. bechuanella* COCKERELL, 1939; *N. binghami* COCKERELL, 1909; *N. brevistigma* COCKERELL, 1942; *N. chilwensis* COCKERELL, 1939; *N. chilwicola* COCKERELL, 1942; *N. cirrita* VACHAL, 1903; *N. confessa* COCKERELL, 1937; *N. crocisaeformis* BINGHAM, 1903; *N. desolata* COCKERELL, 1941; *N. dominatorum* COCKERELL, 1932; *N. dubitans* COCKERELL, 1933; *N. durbanensis* COCKERELL, 1920; *N. elgonica* COCKERELL, 1944; *N. entebbiana* COCKERELL, 1931; *N. excellens* FRIESE, 1930 (variation of the length was given in the original description); *N. faurei* COCKERELL, 1943; *N. femorata nyasicola* COCKERELL, 1942; *N. fulvopollinosa* COCKERELL, 1939; *N. gobabica* COCKERELL, 1939; *N. hadrosoma* COCKERELL, 1932; *N. hirsutipes* COCKERELL, 1936; *N. kamerunensis lineata* COCKERELL, 1942; *N. laticinctula* COCKERELL, 1939; *N. longipes* STRAND, 1913; *N. macrozona* COCKERELL, 1939; *N. marshalli* COCKERELL, 1943; *N. megapoda* COCKERELL, 1931; *N. nilotica* SMITH, 1875; *N. nitidibasis* COCKERELL, 1920; *N. notabilis* SCHLETTERER, 1891; *N. nubecola* SMITH, 1875; *N. opacibasis sublucens* COCKERELL, 1939; *N. postscutellaris* var. *kilwicola* STRAND, 1914; *N. rufipes* SMITH, 1875; *N. robustior* COCKERELL, 1943; *N. rufitarsis* SMITH, 1875; *N. schubotzi* STRAND, 1911; *N. serratula* SMITH, 1875; *N. swalei* COCKERELL, 1939; *N. tegulata* SMITH, 1875; *N. trichonota* COCKERELL, 1939; *N. tshibindica* COCKERELL, 1935; *N. uelleburgensis* STRAND, 1912; *N. viridarii* COCKERELL, 1935; *N. welwitschi* COCKERELL, 1908; *N. zonaria* WALKER, 1871; *Pseudapis anomala* KIRBY, 1900.

6c. Lectotypes designated by previous authors (and designated by PAULY (1990) again): COCKERELL (1932: 11) - the lectotype [female !, not male] of *Nomia burorum* var. *montana* FRIESE, 1930; COCKERELL (1933: 180) - the lectotype of *Nomia rubella* SMITH, 1875.

6d. Lectotype designation by PAULY (1990) is not valid because the designated specimen does not belong to the type series: *Nomia albolobata* COCKERELL, 1911; *N. impressiventris* BENOIST, 1950; *N. triodonta* KOHL, 1906.

6e. Valid lectotype designation by PAULY (1990) was ascribed to an author of a lectotype label: *Nomia calida* WESTWOOD, 1875.

## 7. Confusion in authorship or status of names

*Nomia africana* FRIESE, 1941: 98 (not by "FRIESE, MS?"). It is an available name: proposed as an unnecessary new name for *Nomia meridionalis* COCKERELL, 1936.

*Nomia africana* COCKERELL, 1946: 640 (not "*Steganomus africanus* FRIESE, MS"). It is an unavailable name: published as a junior synonym of *Steganomus auritegulatus* STRAND, 1912.

*Nomia chalconota* VACHAL, 1897: 85 (not by GRIBODO, 1895, who published the name without description; i. e. "*Nomia chalconota* GRIBODO, 1895" is a nomen nudum).

*Nomia gratiosa* STRAND, 1913: 132 (not by "FRIESE, 1914"). The exact date of publication of this paper by STRAND is not clear (1913 or 1914), but it is evident that the

paper by STRAND was published before the end of March 1914 (see: *Naturae Novitates* XXXVI, No. 6), i. e. earlier than the paper by FRIESE (10 Dec. 1914).

*Nomia inaequalis* FRIESE in COCKERELL, 1931: 275 (not by "FRIESE, in litt."). It is an available name.

"*Nomia leviannulatus* CAMERON MS, MEADE-WALDO, 1916" is an unavailable name: published by MEADE-WALDO (1916: 460) as a junior synonym of *Nomia cinerascens* SMITH, 1875.

*Nomia longipes* STRAND, 1913: 134 (not by "FRIESE, MS?"). It is an available name.

*Nomia magnicornis* FRIESE in COCKERELL, 1931: 275 (not by "FRIESE, MS?"). It is an available name.

*Nomia magniventris* STRAND, 1913: 133 (not by "FRIESE, 1914"; see the note to *N. gratiosa* above).

*Nomia opacicollis* COCKERELL, 1935: 423 (not by "FRIESE, MS?"). It is an available name.

*Nomia pulchella* BRAUNS, 1912: 453 (not by "FRIESE, in litt."). It is an available name.

*Nomia pulcherrima* FRIESE in COCKERELL, 1931: 275 (not by "FRIESE, in litt."). It is an available name.

*Nomia testacea* STRAND, 1913: 130 (not by "FRIESE, 1914"; see the note to *N. gratiosa*).

*Sphegocephala ampijoroae* PAULY, sp. nov., ♂, fig. 369-375 (not "in preparation").

**8. Omission of publications directly relevant to the topic (the titles of them are given in Part II for pages 187-192; the papers cited by Mr PAULY in the text, but missing from the "Bibliographie", are marked below with an asterisk (\*))**

BENOIST, R., 1950. - Mém. Inst. Sci. Madagascar (A), 4: 97-104. (Taxonomic note on *Nomia saussurei*).

BENOIST, R., 1951. - Bull. Soc. Sci. natur. Maroc (1950), 30: 37-48. (Differences between *Nomia lobata* and *N. magretti*).

\*BRAUNS, H., 1912. - Dt. ent. Z. 1912: 445-455.

BRAUNS, H., 1926. - Zool. Jahrb. Abt. Syst. 52: 187-230. (Taxonomic note on and figure of *Nomia rubra*; new synonymy of *N. strenua*).

BUYSSON, R., 1900. - Ann. Soc. ent. France 69: 177-180. (Redescription and figure of *Nomia viridilimbata*).

COCKERELL, T.D.A., 1904. - Canad. Ent. 36: 301-304. (Transfer of *Andrena fausta* to *Nomia*).

\*COCKERELL, T.D.A., 1908. - Entomologist 41: 84-86.

\*COCKERELL, T.D.A., 1931. - Ann. Mag. natur. Hist. (10), 7: 273-281.

\*COCKERELL, T.D.A., 1933. - Ann. Mag. natur. Hist. (10), 11: 372-384.

COCKERELL, T.D.A., 1933. - Ann. Mag. natur. Hist. (10), 11: 456-468. (Transfer of *Andrena matha* to *Nomia*).

\*COCKERELL, T.D.A., 1937. African bees ... London. 254 pp.

\*GERSTAECKER, A., 1862. - In: W.C.H. PETERS "Naturwissenschaftliche Reise nach Mossambique <...> Zoologie. V". Berlin, pp. 439-461.

GUIGLIA, D., 1933. - Ann. Mus. Civico Storia natur. "G. DORIA" (Genova) 56: 130-140. (Redescription and figures of *Nomia nilotica*).

KIRBY, W.T., 1903. - In: W.T. KIRBY and H.O. FORBES. "Natural History of Sokótra and 'Abd el Kúri". London, pp. 235-257, pls. XV, XVI. (Redescription and figure of *Pseudapis anomala*).

\*LUCAS, H., 1849. "Exploration scientifique del'Algérie ... Zoologie 3 et 4." Paris, 527 pp., many pls.

MORAWITZ, F.F., 1874. - Horae Soc. ent. ross. 10: 129-189. (Transfer of *Nomia flavilabris* to *Plistotrichia* = *Ancyla*).

\*MORAWITZ, F.F., 1880. - Bull. Acad. Imper. Sci. St.-Petersbourg 26: 337-389.

MORICE, F.D., 1903. - Ann. Mag. natur. Hist. (7), 12: 610-615. (Description of male of *Nomia tegulata*).

Morice, F.D., 1904. - In: "Results of the Swedish Zoological Expedition to Egypt and the White Nile 1901 under the direction of L.A. JÄGERSKIÖLD. No. 14". Uppsala, pp. 1-10. (Redescription of *Nomia tegulata*).

RITSEMA, C., 1876. - Tijdschr. Ent. 19, Versl.: XLIV-XLV pp. (New synonymy of *Cyathocera* with *Steganomus*).

VACHAL, J., 1897. - Mem. Accad. Sci. Inst. Bologna (5), 5: 85. (Description of *Nomia chalconota*).

### 9. Incorrect date of publication

"BENOIST, R., <...> - Ann. Soc. ent. France 123: 149-155" was published in the 1st quarter of 1955 (not in 1954; see the last page of the volume).

"BENOIST, R., <...> - Bull. Soc. ent. France 68: 207-220" was published in the beginning of 1964 (not in 1963; see the last page of the issue).

"COCKERELL, T.D.A., <...> - Proc. roy. entomol. Soc. London (B), 15: 63-67" was published in June 1946 (not in 1945; see the cover of the issue [pts 5/6]).

"FRIESE, H., <...> - Abh. senckenberg. naturf. Ges. 26 (2): 259-268" was published in 1902 (not in 1900; see for example BROOKS, R.W. and C.D. MICHENER, 1988. - Sociobiology 14: 299-323).

"GERSTAECKER, A., <...> - Monatsber. K. Preuss. Akad. Wiss. Berlin (Gesamtsitzung von 29. Oct. 1857): 460-464" was published in 1858 (not in 1857).

"GERSTAECKER, A., <...> - Arch. Naturg., Jg. 37, Bd. 1: 343-363 (Hymenoptera: 349-357)" was published in 1871 (not in 1870; see the cover of the issue).

"SAUSSURE, H., <...> - In: A. GRANDIDIER "Histoire physique, naturelle et politique de Madagascar. Vol. 20. Paris, 590 p." was published in 1891 (not in 1890; see for example BROOKS, R.W. and C.D. MICHENER, 1988. - Sociobiology 14: 299-323).

### 10. Other kinds of errors and omissions

Corrections are given only directly in the Part II of this paper for the following cases: (a) errors and omissions concerning indication of the sex, page, or figure in the original publication; (b) numerous omissions of references to descriptions of opposite sex, new combinations, synonymies, keys, taxonomic notes, figures, etc. in subsequent publications.

### Part II. Corrections and additions by the page

#### Page 19

*Nomia* <...> - Add: (monotypie).

*Andrena curvipes* FABRICIUS, 1781: 473 <...>. - Correct and add: ♂ (sans sexe dans la description originale) <...>; SMITH 1875: 42 (*Nomia curvipes*, ♀).

? *Eucera crassipes* FABRICIUS, 1798: 278. Type <...>. - Correct: ♂ (sans sexe dans la description originale). Syntype ♂ <...> (UZMK; voir: ZIMSEN, E. 1964. The type material of J.C. FABRICIUS, p. 422).

*Nomia combusta* <...> Type <...>. - Correct and add: ♂. Syntype <...>; WESTWOOD 1875: 212 (redescription), pl. iv, fig. 3.

#### Page 20

*Nomia antecedens* <...>. - Add: COCKERELL 1946: 631 (variabilité), 639 (clé).

*Nomia scitula* <...>. - Add: COCKERELL 1935: 164 (clé); COCKERELL 1935: 417 (note taxonomique).

*Nomia quadrispinosa* <...> Lectotype ♂ <...> Syn. nov. - Correct: Lectotype ♂, désigné ici <...>; COCKERELL 1935: 164 (synonyme de *N. scitula* BINGHAM, 1903).

*Nomia excellens* FRIESE, 1930: 23 (nec COCKERELL). Holotype ♀. - Correct: ♀ (nec *Nomia flavoviridis* var. *excellens* COCKERELL, 1929: 226). Lectotype ♀, désigné ici.

#### Page 21

*Nomia calida* <...> Lectotype ♂, désigné par D.B. BAKER. - Correct: ♂ (sans sexe dans la description originale). Lectotype ♂, désigné ici.

*Nomia viridilimbata* SAUSSURE, 1890: 64. ♂ <...>. - Correct and add: 1891: 58 (clé), 64, pl. ii, iii, fig. 28, 29, ♀ <...>; BUYSSON 1900: 178 (redescription), fig. 9; COCKERELL 1931: 267 (note taxonomique).

#### Page 26

*Nomia (Leuconomia)* PAULY <...>. - Add: PAULY 1984: 694 (genre *Leuconomia*).

*Nomia atripes* <...>. - Add: FRIESE 1909: 155 (redescription); STRAND 1913: 132 (clé).

*Nomia iwonis* STRAND, 1913: 127 <...>. - Add: ♀ <...>. Syn. nov.

*Nomia transversa* <...>. - Add: Syn. nov.; COCKERELL 1935: 420 (♂).

*Nomia braunsiana* <...>. - Add: FRIESE 1909: 160 (redescription); BRAUNS 1912: 453 (redescription); STRAND 1913: 132 (clé) COCKERELL 1935: 79 (note taxonomique).

*Nomia breviceps* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia candida* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; MEADE-WALDO 1916: 455 (clé); COCKERELL 1935: 165 (clé), 179 (note taxonomique); COCKERELL 1935: 79 (note taxonomique).

*Nomia whiteana* var. *peteria* <...>. - Add: Syn. nov.; STRAND 1913: 136 (clé).

*Nomia aureovittata* <...>. - Add: Syn. nov.; COCKERELL 1931: 274 (note taxonomique); COCKERELL 1935: 164 (clé), fig. 1, 4-6, 12.

*Nomia candida* ssp. *coloratipes* <...>. - Add: COCKERELL 1935: 165 (clé).

*Nomia gorytoides* <...>. - Add: STRAND 1913: 136 (clé); BENOIST 1962: 133 (♂).

*Nomia lebma* <...>. - Add: Syn. nov.

*Nomia leucophora* <...>. - Add: COCKERELL 1933: 171 (note taxonomique), 175 (clé); COCKERELL 1935: 164 (clé).

*Nomia coelura* <...>. - Add: Syn. nov.

#### Page 27

*Leuconomia nigripes* (FRIESE). - Delete [Le nom *Nomia braunsiana* var. *nigripes* FRIESE, 1909, est un homonyme primaire de *Nomia scutellaris* var. *nigripes* FRIESE, 1904, et doit être remplacé].

*Nomia braunsiana* var. *nigripes* FRIESE, 1909: 127 <...>. - Correct, add and remove to page 26 (as a synonym of *Leuconomia candida*): ♀ (non *N. scutellaris* var. *nigripes* FRIESE, 1904; nomen praecox. <...>; FRIESE 1909: 160 (redescription); COCKERELL 1935: 180 (synonyme de *N. aureovittata* COCKERELL, 1917).

*Nomia nigrociliata* <...>. - Add: COCKERELL 1933: 171 (note taxonomique).

*Nomia emicata* <...>. - Add: Syn. nov.; COCKERELL 1935: 165 (clé); COCKERELL 1942: 633 (clé).

*Nomia chrysozona* COCKERELL, 1935: 321 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...> Syn. nov.; COCKERELL 1935: 321 (description, matériel type).

*Leuconomia pulchella* (COCKERELL). - Correct: (BRAUNS).



*Nomia pulchella* FRIESE in litt. <...>. - Correct and add: BRAUNS, 1912: 453, ♀♂. Syntypes (Transvaal, Orangia, Kapland) (? MNHUB) (non examinés) <...>; COCKERELL 1942: 919 (clé).

*Nomia pulcherrima* FRIESE, in litt. - Correct: FRIESE in COCKERELL, 1931: 275.

*Nomia pulchra* <...>. - Add: (non *N. pulchra* FRIESE, 1909).

*Nomia rufitarsis* <...> Holotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; MEADE-WALDO 1916: 456 (clé); COCKERELL 1935: 164 (clé); COCKERELL 1935: 414 (note taxonomique).

*Nomia rufosuffusa* COCKERELL, 1935: 415, ♀. Holotype ♂ <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel), ♀. Holotype ♀ <...>; COCKERELL 1935: 415 (description, matériel type).

*Nomia gorytoides* var. *tangana* STRAND, 1914. - Add: p. 114.

### Page 29

*Nomia* (*Paranomia*) FRIESE, 1897: 48. - Correct: p. 52.

*Nomia* (*Acunomia*) <...>. - Add: (désignation originale).

*Nomia* (*Curvinomia*) MICHENER <...>. - Add: PAULY 1984: 698 (genre *Curvinomia*).

[*Nomia*] *podagra* BENOIST, 1963. - Correct: 1964.

### Page 31

*Nomia elephas* <...>. - Add: STRAND 1913: 125 (note taxonomique), 136 (clé); COCKERELL 1932: 6 (♂ [de "*N. dubitans*"]); COCKERELL 1942: 635 (variabilité).

*Nomia viridicincta* var. *evanescens* <...> Lectotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia somalica* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; FRIESE 1909: 164 (redescription); COCKERELL 1932: 21 (clé); COCKERELL 1939: 349 (clé).

*Nomia unicipinis* <...> Lectotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia stylopicata* <...>. - Add: STRAND 1913: 130 (clé).

*Nomia filicornis* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia dubitans* COCKERELL, 1933: 175, ♀. Holotype ♀. - Correct: ♀♂ (♂ de *N. elephas* non précisé déterminé par COCKERELL 1932: 6; voir: COCKERELL 1933: 175). Lectotype ♀, désigné ici.

### Page 32

*Nomia viridicincta* <...> Lectotype ♀. - Correct: ♀. Lectotype ♀, désigné ici.

*Nomia albocaerulea* <...> Lectotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; COCKERELL 1933: 176 (clé).

### Page 33

*Nomia chlorozona* <...>. - Add: COCKERELL 1942: 629 (♀).

*Nomia speciosa* <...> Lectotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; FRIESE 1909: 170 (redescription); STRAND 1913: 132, 138 (clé); COCKERELL 1920: 296 (clé); COCKERELL 1932: 5 (variabilité).

*Nomia eritrina* FRIESE, 1915: 284, ♂. Lectotype. - Correct: p. 270, 284, ♂. Holotype.

### Page 34

*Nomia kinduna* <...> de indu <...>. - Correct and add: de Kindu <...>; COCKERELL 1931: 201 (redescription); COCKERELL 1932: 18 (note taxonomique); COCKERELL 1942: 632 (clé).

*Nomia epileuca* <...>. - Add: COCKERELL 1942: 640 (♂).

*Nomia albomarginata* FRIESE, MS? Type <...>. - Delete [nomen in schedulae].

**Page 45**

*Nomia cuneata* SAUSSURE, 1890: 68 <...>. - Correct and add: 1891: 58 (clé), 66, pl. xvii, fig. 3 <...>; MEADE-WALDO 1916: 460 (placement dans le sous-genre *Hoplonomia*).

*Nomia seyrigi* BENOIST, 1963. - Correct: 1964.

*Crocisaspidia* <...> (monotypie). - Correct: (désignation originale).

**Page 48**

*Nomia scutellaris* var. *amabilis* <...>. - Add: COCKERELL 1909: 419 (placement dans le sous-genre *Crocisaspidia*, *N. (C.) amabilis*); FRIESE 1909: 169 (note taxonomique); COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*, *C. amabilis*).

*Nomia scutellaris* var. *fasciata* <...> Lectotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; FRIESE 1909: 169 (redescription), pl. ix, fig. 12; COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*, *C. fasciata*).

*Crocisaspidia fasciata* race *mackieae* <...>. - Add: COCKERELL 1941: 510 (*C. mackieae*, note taxonomique).

*Crocisaspidia confessa* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia buddha* <...>. - Add: VACHAL 1897: 91 (♀).

*Nomia badahur* <...>. - Add: COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*).

**Page 49**

*Nomia scutellaris* var. *nigripes* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; COCKERELL 1909: 419 (placement dans le sous-genre *Crocisaspidia*, *N. (C.) nigripes*); FRIESE 1909: 128 (redescription); FRIESE 1909: 169 (redescription), pl. ix, fig. 14; STRAND 1913: 129, 135 (*N. nigripes*, clé); COCKERELL 1917: 464 (*N. (C.) nigripes*, note taxonomique); COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*, *C. nigripes*).

**Page 50**

*Nomia crocisaeformis* <...> Holotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; COCKERELL 1910: 504 (note taxonomique); COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*).

*Crocisaspidia forbesi* <...>. - Correct: *forbesii* <...>.

*Crocisa forbesi* <...> Holotype ♀ <...>. - Correct and add: *forbesii* <...> Lectotype ♀, désigné ici <...>; KIRBY 1903: 251 (redescription), pl. xvi, fig. 9; KOHL 1906: 179 (transfer dans le genre *Nomia*, ♂), pl. iv, fig. 2, 4-6; COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*).

*Nomia scutellaris* var. *maculata* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; COCKERELL 1909: 419 (placement dans le sous-genre *Crocisaspidia*, *N. (C.) maculata*); FRIESE 1909: 128 (redescription); FRIESE 1909: 169 (redescription), pl. ix, fig. 13; STRAND 1913: 129, 135 (clé); COCKERELL 1921: 208 (transfer dans le genre *Crocisaspidia*, *C. maculata*).

**Page 51**

*Nomia postscutellaris* <...>. - Correct and add: *Nomia (Crocisaspidia) postscutellaris* <...>; COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*).

*Nomia pretiosa* FRIESE, 1930, ♂♀. Lectotype ♂ <...>. - Correct and add: p. 18, ♂♀. Lectotype ♂, désigné ici <...>; COCKERELL 1931: 213, 214 (transfer dans le genre *Crocisaspidia*).

*Nomia postscutellaris* var. *kilwicola* <...> Holotype ♂. - Correct: *Nomia (Crocisaspidia) postscutellaris* var. *kilwicola* <...> Lectotype ♂, désigné ici.

**Page 52**

*Nomia scutellaris* SAUSSURE, 1890: 68 <...>. - Correct and add: 1891: 58 (clé), 68, pl. ii/iii, fig. 30 <...>; FRIESE 1904: 296 (♀); COCKERELL 1909: 419 (placement dans le sous-genre *Crociaspida*); FRIESE 1909: 128 (redescription); FRIESE 1909: pl. ix, fig. 10, 11; STRAND 1913: 129, 135 (clé); COCKERELL 1931: 213, 214 (transfer dans le genre *Crociaspida*).

*Nomia vespoides* WALKER, 1871: 43, ♂♂ <...>. - Correct and add: ♂ <...>; COCKERELL 1931: 213, 214 (transfer dans le genre *Crociaspida*).

*Nomia muscatensis* <...>. - Correct and add: *Nomia (Crociaspida) muscatensis* <...>; COCKERELL 1931: 218 (♂); COCKERELL 1931: 213, 214 (transfer dans le genre *Crociaspida*).

**Page 53**

*Nomia zonaria* <...> Holotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; MEADE-WALDO 1916: 460 (placement dans le sous-genre *Crociaspida*); COCKERELL 1931: 213, 214 (transfer dans le genre *Crociaspida*).

*Nomia lamellata* SMITH, 1875: 65, ♂♀. Lectotype ♀ <...> Syn. nov. - Correct and add: pl. ii, fig. 8, ♂♀. Lectotype ♀, désigné par COCKERELL 1910: 504 <...>; GRIBODO 1894: 132 (redescription); MEADE-WALDO 1916: 460 (synonyme de *N. zonaria*); COCKERELL 1931: 213, 214 (transfer dans le genre *Crociaspida*).

*Nomia superba* FRIESE, 1930, ♀♂. Lectotype ♂ <...>. - Correct and add: p. 16, ♀♂. Lectotype ♂, désigné ici <...> Syn. nov.; COCKERELL 1931: 215 (transfer dans le genre *Crociaspida*).

**Page 66**

*Nomia (Lobonomia)* <...>. - Add: (désignation originale); PAULY 1984: 696 (synonymie).

**Page 68**

*Nomia (Lobonomia) algeriensis* WARNCKE, 1976: 116. - Add: fig. 4, 25.

*Pseudapis anomala* KIRBY, 1900: 15. Holotype ♂ (Socotra) <...>. - Correct and add: p. 16, ♂♀. Lectotype ♂, désigné ici (Socotra [localité et date: "Moukaradia, 600 ft, 15.i.1899" ou "Hombil, 1500 ft, 26.i.1899" ?]) <...>; KIRBY 1903: 241 (redescription), pl. xv, fig. 7; KOHL 1906: 176 (transfer dans le genre *Nomia*, redescription), pl. i, fig. 15, 17, 18, 20, 23, 26; MEADE-WALDO 1916: 455 (*N. anomala*, clé); COCKERELL 1931: 275 (*N. anomala*, note taxonomique); COCKERELL 1935: 162 (*N. anomala*, clé), fig. 3, 10, 11, 14; COCKERELL 1935: 81 (*N. (Pseudapis) anomala*, note taxonomique); WARNCKE 1980: 366, 367 (*N. (Pseudapis) anomala*, ♀, clé), fig. 1.

*Nomia anthidioides* GERSTAECKER, 1857: 462, ♀. Lectotype <...>. - Correct and add: 1858: 462, ♀. Holotype <...>; STRAND 1913: 137 (clé); COCKERELL 1935: 163 (clé).

? *Nomia granularis* COCKERELL, 1935 <...>. - Add: p. 327 <...>; COCKERELL 1935: 334 (clé).

? *Nomia kihuironis* STRAND, 1914. - Add: p. 115, ♀.

**Page 70**

? *Nomia armata* <...>. - Add: WARNCKE 1979: fig. 1.

? *Nomia pallicornis* WALKER, 1871. - Add: p. 44.

- Add: *Nomia pallicornis* DALLA-TORRE, 1896: 168 (emendation, proposé sans nécessité pour *N. pallicornis*).

*Nomia nilotica* SMITH, 1875, ♀. Holotype ♀ <...>. - Correct and add: p. 63, ♀. Lectotype ♀, désigné ici <...>; MEADE-WALDO 1916: 455 (clé); GUIGLIA 1933: 134 (redescription); COCKERELL 1935: 338 (note taxonomique); COCKERELL 1943: 71 (clé).

*Nomia lucens* VACHAL, 1897, ♀. Lectotype. - Correct and add: p. 87, ♀. Holotype.  
*Nomia savignyi* KOHL, 1906: 179. Lectotype ♂, désigné ici <...>. - Correct and add: pl. i, fig. 16, 19, 24, 27, ♂. Holotype ♂ <...>; COCKERELL 1932: 159 (variabilité).

**Page 71**

*Nomia cinerea* FRIESE, 1930: 19. Types <...>. - Add: ♂. Syntype(s) ♂ <...>; COCKERELL 1931: 271 (♀); COCKERELL 1935: 162 (clé); COCKERELL 1935: 333 (clé), 339 (fig.); COCKERELL 1939: 132 (variabilité); COCKERELL 1939: 353 (variabilité).

? *Nomia albidula* FRIESE, 1930: 19. Types <...>. - Add: ♀. Syntypes ♀.

*Nomia austroregulata* COCKERELL, 1932 <...>. - Add: p. 9 <...>; COCKERELL 1935: 334 (clé), 338 (♂).

*Nomia obesula* <...>. - Add: COCKERELL 1935: 162 (clé).

**Page 72**

*Nomia duplocincta* <...>. - Add: COCKERELL 1931: 281 (note taxonomique); COCKERELL 1935: 334 (clé), 339 (variabilité).

*Nomia albifrons* VACHAL, 1897. - Add: p. 74, ♀.

*Nomia albolobata* <...> Holotype ♂ (Indes, Bombay) (BMNH) (examiné). - Correct: ♂ (sans sexe dans la description originale). Syntype(s) ♂ ("N. W. India, Hyderabad, leg. E. COMBER") (Musée ?) (non examinés).

**Page 73**

*Nomia innesi* <...> Type. - Correct: Holotype.

**Page 74**

*Nomia interstitinervis* STRAND, 1912: 4 <...>. - Correct and add: p. 105 <...>; STRAND 1913: 132, 137 (clé); COCKERELL 1931: 275 (note taxonomique); COCKERELL 1935: 162, 163 (clé); COCKERELL 1935: 334 (clé), 347 (note taxonomique).

? *Nomia guineaella* <...> Type. - Correct: Holotype.

*Nomia lebrunae* COCKERELL, 1935: 342. - Correct: p. 334 (clé), 342.

**Page 75**

*Nomia kingi* <...> Syn. nov. - Delete "Syn. nov."

*Nomia lobata* <...>. - Add: VACHAL 1897: 74 (redescription); BENOIST 1951: 39 (note taxonomique); WARNCKE 1980: 364 (note taxonomique).

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*Nomia pandeana* <...>. - Add: COCKERELL 1931: 275 (note taxonomique).

? *Nomia tangensis* COCKERELL, 1935: 419 <...>. - Correct and add: COCKERELL, 1935: 163 (clé, sans matériel) <...>; COCKERELL 1935: 419 (description, matériel type); COCKERELL 1935: 334 (clé), 347 (note taxonomique); COCKERELL 1942: 917 (♂).

*Nomia patellata* MAGRETTI, 1884: 621 <...>. - Add: pl. I, fig. 15a, 15b <...>; STRAND 1913: 129, 138 (clé).

*Nomia magrettii* <...>. - Add: COCKERELL 1931: 281 (note taxonomique); COCKERELL 1932: 159 (note taxonomique).

*Nomia chopardi* <...> Lectotype ♀, désigné ici <...>. - Correct and add: Holotype ♀ <...> Syn. nov.

*Nomia patellata* ssp. *abassa* WARNCKE, 1980. - Add: p. 366, 367 (clé), 368, fig. 4, ♂♀.

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*Nomia sudanica* WARNCKE, 1980: 367 <...>. - Correct: p. 366 (clé), 367, fig. 3 <...>.

**Page 93**

*Stictonomia* <...>. - Add: (monotypie).

*Nomia (Stictonomia) alicee* <...>. - Add: COCKERELL 1935: 162 (clé).

*Nomia brachyloba* <...>. - Add: COCKERELL 1935: 163 (clé); COCKERELL 1935: 335 (clé).

*Nomia (Stictonomia) rhodacantha* <...>. - Add: COCKERELL 1935: 162 (clé); COCKERELL 1940: 82 (variabilité).

*Nomia macrozona* COCKERELL, 1939, ♀. Holotype ♀ <...>. - Correct and add: p. 131, ♀. Lectotype ♀, désigné ici <...>; COCKERELL 1943: 71 (clé).

*Nomia spinigera* FRIESE, MS? Type. - Delete [nomen in schedulae].

#### Page 94

*Stictonomia punctata* <...> Type. - Correct and add: ♂. Syntype(s).

*Nomia cameroni* <...> nec *Nomia punctata* SMITH. - Correct: nec *Nomia punctata* SMITH, 1859: 5; nec *N. punctata* WESTWOOD, 1875: 213.

#### Page 95

*Nomia punctiventris* FRIESE, MS? - Correct: COCKERELL, 1935: 162 (clé), ♂ (sans sexe dans la description originale).

*Nomia schubotzi* <...> Holotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; STRAND 1913: 138 (clé).

*Nomia aculeata* COCKERELL, 1931 <...>. - Add: p. 276 <...>; COCKERELL 1935: 332 (clé), 337 (note taxonomique).

*Nomia postlucens* COCKERELL, 1935: 345. - Correct: p. 335 (clé), 345.

#### Page 96

*Nomia semlikiana* COCKERELL, 1935 <...>. - Add: p. 334 (clé), 346.

*Nomia uelleburgensis* STRAND, 1912, ♀. Holotype ♀ <...>. - Correct and add: p. 274, ♀. Lectotype ♀, désigné ici <...>; STRAND 1913: 136 (clé).

*Nomia umtalica* COCKERELL, 1935: 422 <...>. - Correct and add: COCKERELL, 1935: 163 (clé, sans matériel) <...>; COCKERELL 1935: 422 (description, matériel type); COCKERELL 1943: 71 (clé).

#### Page 101

*Nomiapis* <...> (monotypie). - Correct: *Nomia (Nomiapis)* <...> (désignation originale).

#### Page 106

*Steganomus* RITSEMA, 1873: 224 <...>. - Add: p. 63, 224, pl. 10, fig. 4-10 <...> (monotypie).

*Cyathocera* SMITH <...> SMITH (date). - Correct and add: SMITH, 1875 (monotypie); RITSEMA 1876: XLV (synonyme de *Steganomus* RITSEMA, 1873).

*Steganomus junodi* <...>. - Add: COCKERELL 1935: 162, 163 (clé); COCKERELL 1935: 426 (♂).

*Steganomus auritegulatus* STRAND, 1912: page ? - Correct: p. 16.

*Steganomus acuíferus* COCKERELL, 1935: 335. - Correct: p. 333 (clé), 335.

*Steganomus africanus* FRIESE, MS. Type <...>. - Correct: *Nomia africana* COCKERELL, 1946: 640 (synonyme le plus récent de *N. auritegulatus* STRAND, 1912; nec *N. africana* FRIESE, 1941). Nomen nudum.

#### Page 108

*Steganomus michaelis* COCKERELL, 1935: 336. - Correct: p. 333 (clé), 336.

#### Page 113

*Nomia (Pachynomia)* PAULY, 1980 <...>. - Add: p. 124 <...>; PAULY 1984: 696 (genre *Pachynomia*).

*Nomia amoenula* GERSTAECKER, 1870: 350, ♂. Lectotype ♂ <...>. - Correct and add: 1871: 350, ♂. Lectotype ♂, désigné ici <...>; FRIESE 1909: 154 (♀); STRAND 1913: 129, 135 (clé); COCKERELL 1932: 159 (variabilité); COCKERELL 1932: 8 (clé); COCKERELL 1935: 162 (clé), 172 (note taxonomique), fig. 2, 7-9, 13; COCKERELL 1935: 335 (clé), 337 (note taxonomique).

*Nomia tegulata* <...> Holotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; VACHAL 1897: 74 (♂); MORICE 1903: 610 (redescription); MORICE 1904: 6, 7 (redescription); STRAND 1913: 131, 137 (clé); MEADE-WALDO 1916: 455 (clé); COCKERELL 1935: 338 (note taxonomique).

*Nomia atrinervis* <...> Lectotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia garua* var. *interstitialis* <...>. - Add: STRAND 1913: 129 (clé).

*Nomia corruscatrix* STRAND, 1912: 3 <...>. - Correct and add : p. 105 <...>; STRAND 1913: 138 (clé).

*Nomia garua* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; STRAND 1913: 129, 137 (clé); COCKERELL 1932: 8 (clé); COCKERELL 1935: 335 (clé), 340 (note taxonomique); COCKERELL 1936: 516 (synonyme de *N. atrinervis*).

*Nomia megalepis* <...> - Add: COCKERELL 1920: 297 (clé).

*Nomia bevisiana* <...>. - Correct and add: *Nomia (Stictionomia) bevisiana* <...>; COCKERELL 1920: 297 (clé); COCKERELL 1939: 130 (note taxonomique).

*Nomia durbanensis* <...> Holotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; COCKERELL 1935: 162 (clé).

*Nomia (Stictionomia) amoenula* ssp. *stanleyi* <...>. - Add: COCKERELL 1935: 162 (clé); COCKERELL 1935: 334 (clé), 336 (*N. stanleyi*, note taxonomique).

#### Page 114

? *Nomia hadrosoma* <...> Holotype ♀ <...>. - Correct: Lectotype ♀, désigné ici <...>; COCKERELL 1935: 162 (clé); COCKERELL 1935: 330 (♂); COCKERELL 1935: 333, 335 (clé).

*Nomia amoenula* ssp. *goana* COCKERELL, 1935: 337. - Correct: p. 333 (clé), 337.

*Nomia (Stictionomia) diodonta* <...>. - Add: COCKERELL 1935: 162 (clé).

*Nomia kwangonis* COCKERELL, 1935: 342. - Correct: p. 333 (clé), 342.

*Nomia victoriella* COCKERELL, 1935: 347. - Correct: p. 334 (clé), 347.

*Nomia wambana* COCKERELL, 1935: 348. - Correct: p. 333 (clé), 348.

#### Page 117

*Nomia macrotegula* <...>. - Add: STRAND 1913: 130 (clé).

*Nomia mionana* <...>. - Add: Syn. nov.; STRAND 1913: 131 (clé).

*Nomia pubescens* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia fusca* <...> Lectotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...> COCKERELL 1935: 163 (clé); COCKERELL 1935: 334 (clé), 340 (variabilité).

*Nomia aurifera* <...> Holotype <...>. - Correct and add: Holotype ♀ <...> COCKERELL 1935: 163 (clé).

*Nomia albicauda* COCKERELL, 1935: 167 <...>. - Correct and add: p. 163 (clé), 167, 178 (clé) <...>; COCKERELL 1935: 334 (clé).

*Nomia liberica* COCKERELL, 1935: 343. - Correct: p. 335 (clé), 343.

#### Page 118

*Nomia tshibindica* COCKERELL, 1935: 420, ♀. Holotype ♀ <...>. - Correct: COCKERELL 1935: 163 (clé, sans matériel), ♀. Lectotype ♀, désigné ici <...>; COCKERELL 1935: 420 (description, matériel type).

**Page 123**

*Nomia (Austronomia) MICHENER*, 1965: 156 <...>. - Correct and add: p. 153 (clé), 156 <...>; PAULY 1984: 697 (genre *Austronomia*).

*Austronomia acutidornis* (FRIESE ?) // *Nomia acutidornis* FRIESE, MS? Type <...>. - Delete [nomen in schedulae].

*Nomia analis* BENOIST, 1963. - Correct: 1964.

*Nomia bechuanella* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia brevipennis* FRIESE, 1915: 285, ♂. Lectotype ♂. - Correct: p. 270, 285, ♂. Lectotype ♂, désigné ici.

*Nomia desolata* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

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*Nomia inamoena* <...> Lectotype. - Correct: Holotype.

*Nomia latifacies* <...>. - Add: STRAND 1913: 130 (clé).

*Nomia media* BENOIST, 1963. - Correct: 1964.

*Nomia nigella* BENOIST, 1963 <...>. - Correct: 1964 <...> Syn. nov.

*Nomia minuta* BENOIST, 1963. - Correct: 1964.

[*Austronomia petterssoni* PAULY - Nomen nudum].

*Austronomia pseudohalictiella* <...>. - Replace by: *Austronomia halictiella* (STRAND) // *Nomia halictiella* STRAND, 1912: 161, ♀. Holotype ♀ ("Ndi, HILDEBRANDT") (MNHUB) (examiné); STRAND 1913: 139 (clé). // *Nomia pseudohalictiella* STRAND, 1913: 125, nom. nov., proposé sans nécessité pour *Nomia halictiella* STRAND, 1912: 161, nec *Nomia halictiella* COCKERELL, 1905: 306).

*Austronomia schroderi* (STRAND). - Correct: *Austronomia schroederi* (STRAND).

*Nomia schroderi* STRAND, 1914. - Correct: *Nomia schroederi* STRAND, 1914: 114.

[*Austronomia sikorai* PAULY - Nomen nudum].

[*Austronomia sphecodooides* PAULY - Nomen nudum].

[*Austronomia tampoloensis* PAULY - Nomen nudum].

*Nomia voeltzkowi* <...>. - Add: STRAND 1913: 135 (clé).

*Nomia zuala* <...> Lectotype <...>. - Correct and add: Holotype <...>; STRAND 1913: 140 (clé).

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*Nomia fimbriata* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia silverlocki* <...>. - Add: Syn. nov.; COCKERELL 1943: 376 (note taxonomique); COCKERELL 1946: 627 (clé).

? *Nomia meridionalis abyssinica* <...>. - Add: ? Syn. nov.

*Nomia crawshayi* <...>. - Add: COCKERELL 1942: 632 (clé).

*Nomia megapoda* <...> Holotype ♂ <...>. - Correct: Lectotype ♂, désigné ici <...> Syn. nov.

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*Nomia meridionalis* <...> Lectotype <...>. - Correct and add: Holotype <...>; COCKERELL 1942: 632 (clé); COCKERELL 1946: 627 (clé).

*Nomia africana* FRIESE, MS? <...>. - Correct: FRIESE, 1941: 98 (proposé sans nécessité pour *N. meridionalis* COCKERELL, 1936).

*Nomia sjostedti* <...>. - Add: FRIESE 1909: 164 (redescription).

*Nomia ruficrus* <...> Lectotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...> Syn. nov.; ALFKEN 1939: 113 (note taxonomique).

*Nomia griseohirta* COCKERELL, 1935: 328 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 328 (description, matériel type).

*Nomia hypochrysea* <...>. - Add: Syn. nov.

*Nomia segmentaria* FRIESE, MS. Type <...>. - Delete [nomen in schedulae].

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*Nomia stordyi* COCKERELL, 1943. - Add: p. 573.

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*Nomia* (*Trinomia*) PAULY <...>. - Add: (désignation originale); PAULY 1984: 697 (genre *Trinomia*).

*Nomia cirrita* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia murinella* <...>. - Add: COCKERELL 1920: 297 (clé); COCKERELL 1931: 273 (♂); COCKERELL 1935: 165 (clé).

*Nomia murinella* var. *abjuncta* COCKERELL, 1931: 273, ♂. - Add: Holotype ♂.

*Nomia admixta* <...> Holotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia entebbiana* <...> Holotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia marshalli* <...> Holotype ♂. - Correct: Lectotype ♂, désigné ici.

? *Nomia macrodonta* COCKERELL, 1947. - Correct: 1946.

*Nomia capensis* var. *digitata* <...> Lectotype ♂ <...>. - Correct and add: *Nomia tridentata* var. *digitata* <...> Lectotype ♂, désigné ici <...>; FRIESE 1909: 165 (clé); COCKERELL 1946: 64 (*N. digitata*, note taxonomique).

*Nomia tridentata* var. *orientalis* <...>. - Add: FRIESE 1909: 165 (clé); COCKERELL 1931: 279 (*N. orientalis*, clé); COCKERELL 1941: 508 (*N. orientalis*, clé); COCKERELL 1942: 913 (*N. orientalis*, clé).

*Nomia tridentata* var. *capensis* <...> Syn. nov. - Correct and add: FRIESE 1909: 165 (clé); COCKERELL 1931: 279 (*N. capensis*, clé); COCKERELL 1932: 491 (*N. capensis*, variabilité); COCKERELL 1935: 164 (*N. capensis*, clé), 180 (*N. capensis*, note taxonomique); COCKERELL 1941: 507 (*N. capensis*, clé); COCKERELL 1942: 913 (clé), 916 (synonyme de *N. tridentata* var. *orientalis* FRIESE, 1909); COCKERELL 1946: 639 (variabilité, clé).

*Nomia jansei* CAMERON, MEADE-WALDO, 1916: 457, ♂. Lectotype ♂ <...>. - Correct and add: (CAMERON, MS) MEADE-WALDO, 1916: 457, ♂. Lectotype ♂, désigné ici <...>; COCKERELL 1935: 327 (clé).

*Nomia perornata* <...>. - Add: COCKERELL 1917: 465 (note taxonomique); COCKERELL 1920: 293 (clé); COCKERELL 1935: 164 (clé), 181 (synonyme de *N. capensis*); COCKERELL 1941: 508 (clé); COCKERELL 1942: 913 (clé).

*Nomia asclepiadas*. - Correct: *Nomia asclepiadis*.

*Nomia griseicauda* COCKERELL, 1947. - Correct: 1946.

*Nomia tessmanni* <...>. - Add: STRAND 1913: 141 (clé).

*Nomia heterura* <...>. - Add: COCKERELL 1942: 913 (clé); COCKERELL 1943: 65 (♀).

*Nomia tridentata* <...>. - Add: WESTWOOD 1875: 216 (redescription), pl. iv, fig. 5; VACHAL 1903: 393 (♀); STRAND 1913: 133 (clé); COCKERELL 1931: 279 (note taxonomique); ALFKEN 1939: 112 (note taxonomique).

*Nomia crudelis* WESTWOOD, 1875: 208, 216 <...> Syn. nov. - Correct and add: (le nom avait publié comme synonyme le plus récent de *N. tridentata* SMITH, 1875, il est disponible parce que traité comme un nom valide par COCKERELL (1935: 163); Code, Art. 11) <...>; COCKERELL 1931: 279 (note taxonomique); COCKERELL 1935: 163 (clé); COCKERELL 1946: 640 (clé).

*Nomia natalensis* <...>. - Correct and add: *Nomia tridentata natalensis* <...>; COCKERELL 1920: 293, 297 (clé); COCKERELL 1931: 279 (*N. natalensis*, clé), 280 (♀); COCKERELL 1942: 913 (*N. natalensis*, clé).

*Nomia ambusia* <...>. - Add: COCKERELL 1931: 277, 279 (clé).



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*Nomia capensis* ssp. *wylliei* COCKERELL, 1935: 182 <...>. - Correct and add: p. 165 (clé), 182 <...>; COCKERELL 1939: 354 (*N. wylliei*).

*Nomia heterocera* <...>. - Add: COCKERELL 1942: 913 (clé).

*Nomia heterura* ssp. *subcrudelis* <...>. - Correct: *Nomia heterura* ssp. *subcrudelis* <...> Syn. nov.

*Nomia triodonta* KOHL, 1906: 181, ♂. Lectotype ♂, désigné ici (Sud Arabie, Aden, xii.1898, leg. O. SIMONY) (NMW) (examiné). - Replace by: *Nomia triodonta* KOHL, 1906: 181, pl. i, fig. 21, 22, 25, ♂♀. Syntypes: "Südarabien: Ras Fartak, iii.1899, 2 ♂♂; Makalla, iv.1899, 1 ♂" et 1 ♀. (Musée ?) (non examinés).

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*Nomia (Spatunomia)* PAULY <...>. - Add: (désignation originale); PAULY, 1984: 698 (genre *Spatunomia*).

*Nomia rubra* <...> Lectotype ♂. - Correct and add: Lectotype ♂, désigné ici <...>; FRIESE 1909: 162 (♀); STRAND 1913: 130 (clé); BRAUNS 1926: 190 (note taxonomique), fig. 1; COCKERELL 1932: 10 (note taxonomique).

*Nomia capitulata* <...>. - Add: STRAND 1913: 135 (clé).

*Nomia strenua* CAMERON, MEADE-WALDO, 1916: 416 (clé). Lectotype ♂ <...> Syn. nov. - Correct and add: (CAMERON, MS) MEADE-WALDO, 1916: 456 (clé), ♂. Lectotype ♂, désigné ici <...>; COCKERELL 1920: 293 (♀), 296 (clé); BRAUNS 1926: 190 (synonyme de *N. rubra* FRIESE, 1904).

*Nomia grossa* <...> Lectotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia monotina* COCKERELL, 1935: 337 <...>. - Correct: COCKERELL, 1935: 164 (clé, sans matériel) <...>; COCKERELL 1935: 337 (description, matériel type).

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*Nomia (Nubenomia)* PAULY <...>. - Add: (désignation originale); PAULY 1984: 697 (genre *Nubenomia*).

*Nomia aleniana* <...>. - Add: STRAND 1913: 130 (clé).

*Nomia angustifrons* COCKERELL, 1947. - Correct: 1946.

*Nomia basinitens* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia budongensis* COCKERELL, 1947. - Correct: 1946.

*Nomia aleniana* var. *derema* STRAND, 1914: 112. Type. - Correct: ♂. Holotype.

*Nomia luridipes* BENOIST, 1963. - Correct: 1964.

*Nomia ivondrensis* BENOIST, 1963 <...>. - Correct and add: 1964 <...> Syn. nov.

*Nomia makomensis* <...>. - Add: STRAND 1913: 135 (clé).

*Nomia nubecola* <...> Holotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; MEADE-WALDO 1916: 456 (clé); COCKERELL 1939: 185 (note taxonomique).

*Nomia mia* <...>. - Add: STRAND 1913: 140 (clé).

*Nomia stigmatica* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia lengana* <...>. - Add: Syn. nov.

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*Nomia reichardia* <...>. - Add: STRAND 1913: 132 (clé).

*Nomia pectata* COCKERELL, 1935: 411 <...>. - Correct: COCKERELL 1935: 164 (clé, sans matériel) <...>; COCKERELL 1935: 411 (description, matériel type).

*Nomia russuloides* <...>. - Add: STRAND 1913: 135 (clé).

*Nomia russuloides* var. *clarior* STRAND, 1912, p. ? <...>. - Correct and add: 1911: 110, ♀ <...>; STRAND 1913: 135 (clé).

*Nomia ruwenzorica* COCKERELL, 1935: 417 <...>. - Correct: COCKERELL, 1935: 163 (clé, sans matériel) <...>; COCKERELL 1935: 416 (description, matériel type).

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- Nomia melanosoma* BENOIST, 1963 <...>. - Correct and add: 1964 <...> (examiné).  
*Nomia obscura* BENOIST, 1963 <...>. - Correct and add: 1964 <...> (examiné).

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- Halictonomia* PAULY <...>. - Correct and add: *Nomia (Halictonomia)* PAULY <...> (désignation originale); PAULY 1984: 697 (genre *Halictonomia*).  
*Nomia bipartita* BENOIST, 1963. - Correct: 1964.  
*Halictus decemmaculatus* FRIESE, 1900 <...>. - Correct and add: 1902 <...>; BENOIST 1962: 136 (♀, transfer dans le genre *Nomia*).  
*Nomia nudula* BENOIST, 1963 <...>. - Correct and add: 1964 <...> (examiné).  
*Nomia sakarahensis* <...>. - Correct: *Halictus sakarahensis* <...>.  
*Nomia atrosanguinea* <...>. - Add: (examiné). Syn. nov.

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- Maynenomia* PAULY <...>. - Add: (désignation originale).  
*Maynenomia testacea* (FRIESE). - Correct: (STRAND).  
*Nomia testacea* FRIESE, 1914 <...>. - Correct: (FRIESE in litt.) STRAND, 1913: 130 (clé, sans matériel), ♂ <...>; FRIESE 1914: 630 (description, matériel type); MEADE-WALDO 1916: 456 (clé).  
*Nomia friesei* <...> nom. nov. pour *testacea* FRIESE. - Correct: proposé sans nécessité pour *Nomia testacea* (FRIESE, in litt.) STRAND, 1913, nec *Tetralonia testacea* SMITH, 1854: 301.  
*Nomia ventralis* FRIESE, 1930. - Add: p. 29.  
*Nomia maynei* COCKERELL, 1937 <...>. - Add: p. 75 <...>; PAULY 1984: 698 (♀), 700 (redescription), fig. 1-14.

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- Sphegocephala* SAUSSURE, 1890: 76. - Correct: 1891: 74.  
*Sphegocephala ampijoroae* PAULY (à paraître). - Correct: sp. n. ♂, fig. 369-375.  
[*Sphegocephala angavokeliensis* PAULY - Nomen nudum].  
*Sphegocephala philanthoides* SAUSSURE, 1890: 76. - Correct: 1891: 76, pl. xvii, fig. 6.  
[*Sphegocephala rugosa* PAULY - Nomen nudum].  
*Sphegocephala unicolor* BENOIST, 1954. - Correct: 1955.  
*Nomia castaneiceps* BENOIST, 1963 <...>. - Correct and add: 1964 <...> Syn. nov.

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- Nomia (Macronomia)* COCKERELL <...>. - Add: PAULY 1984: 695 (genre *Macronomia*).  
*Crinoglossa* <...> (désignation originale). - Correct: (monotypie).  
*Nomia fulvohirta* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; STRAND 1913: 131, 142 (clé); MEADE-WALDO 1916: 455 (clé); COCKERELL 1935: 326 (note taxonomique), 327 (clé).  
*Nomia schoutedeni* <...>. - Add: COCKERELL 1931: 271 (note taxonomique).  
*Nomia claripes* <...>. - Add: COCKERELL 1939: 243 (note taxonomique).  
*Nomia congoensis* FRIESE, MS? Type <...> Syn. nov. - Delete [nomen in schedulae].  
*Nomia pristin* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.  
*Nomia amatha* <...>. - Add: COCKERELL 1935: 166 (note taxonomique).  
*Nomia lamellicornis* <...>. - Add: FRIESE 1930: 27 (♀); COCKERELL 1936: 521 (note taxonomique).  
*Macronomia lativentris* (FRIESE ?) // *Nomia lativentris* FRIESE, MS? Type <...>. - Delete [nomen in schedulae].

*Nomia burorum* var. *nigripes* <...> Lectotype ♂, désigné ici <...>. - Correct and add: Holotype ♂ <...>; COCKERELL 1932: 12 (*N. nigripes*).

*Nomia sansibarica* STRAND, 1912: 110 <...>. - Correct and add: 1911: 144 <...>; STRAND 1913: 139 (clé).

*Nomia swalei* <...> Holotype, ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; COCKERELL 1943: 369 (♀); COCKERELL 1946: 627 (clé).

*Nomia brevistigma* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia vicina* <...>. Holotype <...>. - Correct and add: Syntype(s) <...>; STRAND 1913: 125 (note taxonomique), 129 (clé).

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Groupe *negligenda*. - Correct: Groupe *neglecta*.

*Crinoglossa natalensis* FRIESE, 1925: 502, ♂. Lectotype ♂ <...>. - Correct and add: fig. A, ♂. Lectotype ♂, désigné ici <...>; COCKERELL 1936: 522 (transfer dans le genre *Nomia*, clé).

*Macronomia negligenda* (DALLA-TORRE) // *Andrena neglecta* SMITH, 1879, nec DOURS, 1873, nec GIRAUD. Holotype ♀ <...> // *Andrena negligenda* DALLA-TORRE <...>. - Replace by: *Macronomia neglecta* (SMITH) // *Andrena neglecta* SMITH, 1879: 57, ♀ (nec *Biareolina neglecta* DOURS, 1873: 289). Lectotype ♀, désigné ici (Natal) (BMNH) // *Andrena negligenda* DALLA-TORRE, 1896: 140 (nom. nov., proposé sans nécessité pour *Andrena neglecta* SMITH, 1879).

*Macronomia opacicollis* (FRIESE ?). - Correct: (COCKERELL).

*Nomia opacicollis* FRIESE, MS? - Correct: COCKERELL, 1935: 423, ♂ (sans sexe dans la description originale).

*Nomia (Macronomia) platycephala* <...>. - Add: COCKERELL 1920: 295 (♀), 297 (clé); COCKERELL 1944: 47 (note taxonomique).

*Nomia sanguinolenta* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; COCKERELL 1933: 176 (clé); COCKERELL 1939: 127 (♂); COCKERELL 1946: 634 (variabilité).

*Nomia senegalicola* STRAND, 1912: 1 <...>. - Correct and add: p. 104 <...>; STRAND 1913: 131 (clé).

*Nomia shanganiensis* COCKERELL, 1935: 418 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 418 (description, matériel type).

*Nomia armata* SMITH, 1875: 67, pl. ii, fig. 14 (nec OLIVIER, 1811). Holotype ♂ <...>. - Correct and add: ♂ (nec *Nomia armata* OLIVIER, 1811: 376). Lectotype ♂, désigné ici <...>.

*Nomia armatula* <...>. - Add: BINGHAM 1903: 51 (♀); MEADE-WALDO 1916: 457 (clé); COCKERELL 1935: 327 (clé).

*Nomia femorata* <...>. - Add: COCKERELL 1936: 521 (♀, clé).

*Nomia magnicornis* FRIESE, MS? <...>. - Correct and add: FRIESE in COCKERELL, 1931: 275 <...>; COCKERELL 1932: 164 (clé).

*Nomia femorata nyasicola* <...> Holotype. - Correct: Lectotype [? sexe], désigné ici.

*Nomia faurei* <...> Holotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia impressiventris* <...> Lectotype ♂, désigné ici ( Niger, Air Sud. Agadèz, 525 m, 20.viii.1957, CHOPARD et VILLERS) (MNHN) (examiné) <...>. - Correct: Holotype ♂ (Niger, Dabaga, 600m, 13-16.viii.1957, CHOPARD et VILLERS) (? MNHN) (non examiné) <...>.

*Nomia armativentris* FRIESE, MS. Type <...> Syn. nov. - Delete [nomen in schedulae].

*Nomia rufipes* <...>. Holotype ♂ <...>. - Correct and add: ♂. Lectotype ♂, désigné ici <...>; MEADE-WALDO 1916: 457 (clé).

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- Nomia illota* <...>. - Add: COCKERELL 1931: 201 (redescription).  
 ? *Nomia kigonserana* STRAND <...>. - Add: STRAND 1913: 133, 142 (clé).  
*Nomia tibialis* <...>. - Add: COCKERELL 1932: 164 (clé).  
*Nomia snelli* <...>. - Add: COCKERELL 1943: 374 ("*N. snelli*", clé).  
*Nomia kigonserana* FRIESE, MS. Type ♂ <...>. - Delete [nomen in schedulae; voir: *N. kigonserana* STRAND, 1911].  
*Nomia armata* FRIESE, MS. Type <...>. - Delete [nomen in schedulae].  
*Nomia katonana* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.  
*Nomia leucomelanura* <...> Holotype <...> cotype <...>. - Correct and add: Syntype <...> syntype <...>; COCKERELL 1935: 166 (note taxonomique).  
*Nomia fulvopollinosa* <...> Holotype ♀ <...>. - Correct: Lectotype ♀, désigné ici <...>. *Nomia ablusipes* <...> Holotype <...> cotype <...>. - Correct and add: Syntype <...> syntype <...>; COCKERELL 1935: 166 (note taxonomique); COCKERELL 1936: 522 (synonyme de *N. bicincta* COCKERELL, 1935).  
*Nomia bicincta* COCKERELL, 1935: 175. - Correct: p. 165 (clé), 175.  
*Nomia trochanterica* <...> Lectotype ♂, désigné ici <...>. - Correct and add: Holotype ♂ <...>; FRIESE 1909: 166 (redescription).  
*Nomia flavitarsis* <...> Lectotype <...>. - Correct and add: Holotype <...>; STRAND 1913: 125 (redescription), 134 (clé); COCKERELL 1931: 279 (clé); COCKERELL 1941: 508 (clé); COCKERELL 1942: 913 (clé).  
*Macronomia longipes* (? FRIESE). - Correct: (STRAND).  
*Nomia longipes* FRIESE, MS? - Correct: (FRIESE in litt.) STRAND, 1913: 134 (clé, sans matériel).  
*Macronomia magniventris* (FRIESE). - Correct: (STRAND).  
*Nomia magniventris* FRIESE, 1914: 631, ♂♀. Lectotype ♂ <...>. - Correct: (FRIESE in litt.) STRAND, 1913: 133 (clé, sans matériel), ♂. Lectotype ♂, désigné ici <...>; FRIESE 1914: 631 (♀, ♂ - description, matériel type).  
*Nomia nitidibasis* <...> Holotype ♀ (Durban) (BMNH) (examiné). - Correct and add: Lectotype ♀, désigné ici (Durban [date ? : 9 ou 23.iii.1918, C.N. BAKER]) (BMNH); COCKERELL 1936: 521 (clé).  
*Nomia vulpina umbiloensis* <...> cotype ♀ <...>. - Correct and add: non type ♀ <...>; COCKERELL 1917: 465 (♀); COCKERELL 1920: 297 (clé); COCKERELL 1935: 165 (*N. umbiloensis*, clé); COCKERELL 1936: 521 (*N. umbiloensis*, clé); COCKERELL 1942: 626 (*N. vulpina* var. *umbiloensis*, note taxonomique).

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- Nomia vulpina* GERSTAECKER, 1857: 462, ♂. Lectotype ♂, désigné ici <...>. - Correct and add: 1858: 462, ♂. Holotype <...> (examiné); FRIESE 1909: 166 (redescription); STRAND 1913: 132 (clé); COCKERELL 1935: 165 (clé).  
 [*Macronomia brooksi* PAULY - Nomen nudum].  
*Nomia dentipes* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.  
*Nomia braunsi* VACHAL, MS? Type. - Delete [nomen in schedulae].  
*Macronomia gratiosa* (FRIESE). - Correct: (STRAND).  
*Nomia gratiosa* FRIESE, 1914 <...>. - Correct and add: (FRIESE in litt.) STRAND, 1913: 132 (clé, sans matériel), ♂ <...>; FRIESE 1914: 631 (description, matériel type); COCKERELL 1935: 323 (clé).  
*Nomia hirsutissima* COCKERELL, 1935: 330 <...>. - Correct and add: COCKERELL, 1935: 164 (clé, sans matériel) <...>; COCKERELL, 1935: 330 (description, matériel type); COCKERELL 1935: 348 (♀).  
*Nomia quartinae* <...> ♂. Lectotype ♂, désigné ici. - Correct: fig. ♂. Holotype ♂.

*Nomia subnitida* BENOIST, 1963. - Correct: 1964.

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*Lipotriches* GERSTAECKER, 1857: 460 (ou ? 1862: 446) <...>. - Correct and add: 1858: 460 <...> (monotypie).

*Epinomia* ALFKEN, 1939 <...>. - Add: (désignation originale).

*Sphcodes cribrosa* <...>. - Add: BLÜTHGEN 1924: 483 (transfer dans le genre *Nomia*).

*Lipotriches abdominalis* GERSTAECKER, 1857: 460 <...>. - Correct and add: 1858: 460, ♂ <...> Syn. nov.

*Nomia serratula* <...> Holotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; MEADE-WALDO 1916: 455 (clé); COCKERELL 1917: 464 (note taxonomique); COCKERELL 1920: 296 (clé).

*Andrena fausta* <...> Holotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; COCKERELL 1904: 303 (transfer dans le genre *Nomia*); MEADE-WALDO 1916: 455 (*Nomia fausta*, clé); COCKERELL 1920: 296 (*Nomia fausta*, clé); COCKERELL 1933: 180 (synonyme de *N. serratula*).

*Nomia serratipes* <...>. - Add: COCKERELL 1933: 180 (synonyme de *N. serratula*).

*Nomia bipunctata* FRIESE, MS? Holotype <...>. - Delete [nomen in schedulae].

*Lipotriches serratipes* var. *nigriventris* FRIESE, 1941: 99 <...>. - Delete [nomen non est].

*Nomia rubriventris* FRIESE, MS? Holotype <...>. - Delete [nomen in schedulae].

*Nomia angulifera* ssp. *apicata* <...> Holotype ♂ <...>. - Correct: Lectotype ♂, désigné ici <...>.

*Nomia armatipes* FRIESE, 1930: 35. - Correct: p. 30.

*Nomia tricoloripes* COCKERELL, 1932: 161 <...>. - Correct and add: p. 160, 161 <...>; COCKERELL 1944: 47 (♀).

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? *Nomia fulvofasciata* FRIESE, MS? Type <...> Syn. nov. - Delete [nomen in schedulae].

*Nomia globiceps* FRIESE, MS? Type <...> Syn. nov. - Delete [nomen in schedulae].

*Lipotriches flavicrus* (? FRIESE) // *Nomia flavicrus* FRIESE, MS? Type <...>. - Delete [nomen in schedulae].

*Nomia friesei* MAGRETTI, 1899. - Add: p. 590.

*Nomia kondeana* var. *katonensis* STRAND, 1913: 127. - Add: ♂ (sans sexe dans la description originale).

*Nomia arida* COCKERELL, 1942, ♂♀. Holotype ♂. - Correct: p. 711, ♂♀. Lectotype ♂, désigné ici.

*Nomia kondeana* STRAND, 1913: 127 <...>. - Add: ♂ <...>; STRAND 1913: 134 (clé).

*Nomia tricoloripes pallidicincta* COCKERELL, 1932: 163. - Correct: p. 160, 162.

*Nomia tuckeri* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia bellicornis* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia angulifera* COCKERELL, 1936: 519 <...>. - Correct and add: p. 518 <...>; COCKERELL 1942: 716 (variabilité); COCKERELL 1946: 635 (variabilité).

*Nomia laticinctula* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia acaciae* COCKERELL, 1935: 166 <...>. - Correct and add: p. 165 (clé), 166, 167 (clé) <...>; COCKERELL 1946: 639 (clé).

*Nomia nitidicincta* COCKERELL, 1935: 338 <...>. - Correct: COCKERELL, 1935: 164 (clé, sans matériel) <...>; COCKERELL 1935: 338 (description, matériel type).

*Nomia andrei* <...> Lectotype ♂, désigné ici. - Correct: Holotype ♂.

*Nomia tersa* <...> Holotype ♀, désigné ici. - Correct: Holotype ♀.

*Nomia andrenoides* <...>. - Add: ALFKEN 1939: 114 (♂).

? *Halictus aurifrons* <...> Holotype ♂ <...>. - Correct and add: Lectotype ♂, désigné ici <...>; MEADE-WALDO 1916: 455 (transfert dans le genre *Nomia*, clé), 459 (sexe non précisé dans la description originale).

*Nomia cinerascens* SMITH, 1895: 66, tab. 2, fig. 16, ♂ <...>. - Correct and add: 1875: 66, ♂ <...>; MEADE-WALDO 1916: 455 (clé); COCKERELL 1935: 323 (clé).

*Nomia chalconota* GRIBODO, 1895: 331. - Correct: VACHAL, 1897: 85 [*N. chalconota* GRIBODO, 1895: 330" - nomen nudum].

*Halictus leviannulatus* CAMERON MS, MEADE-WALDO, 1916 <...> Syn. nov. - Correct: MEADE-WALDO, 1916: 460. Nomen nudum.

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*Nomia concinnula* <...>. - Add: COCKERELL 1933: 377 (synonyme de *N. leviannulatus*); COCKERELL 1935: 167 (clé); COCKERELL 1935: 322 (note taxonomique), 323 (clé).

*Nomia nanula* FRIESE, 1922: 2, nom. nov. pour *nana*. - Add: FRIESE, 1916, nec SMITH 1875: 62; COCKERELL 1935: 322 (synonyme de *N. chalconota*).

*Halictus clavatus* <...>. - Add: MEADE-WALDO 1916: 456 (clé), 459 (transfert dans le genre *Nomia*).

*Nomia ethioparca* COCKERELL, 1935: 324. - Correct: p. 323 (clé), 324.

*Nomia hylaeoides* var. *guineensis* <...>. - Add: STRAND 1913: 131, 138 (clé).

*Nomia kamerunensis* var. *lineata* <...> Holotype ♂. - Correct: *Nomia kamerunensis* subsp. *lineata* <...> Lectotype ♂, désigné ici.

*Nomia siapungensis* <...> Holotype <...> cotypes. - Correct: Syntype <...> syntypes.

*Nomia hylaeoides* GERSTAECKER, 1857: 462, ♂. Lectotype ♂, désigné ici <...>. - Correct and add: 1858: 462, ♂. Holotype ♂ <...>; GERSTAECKER 1862: 461 (redescription); STRAND 1913: 130 (clé); FRIESE 1916: 431 (♀), 433 (clé); COCKERELL 1935: 323 (clé); COCKERELL 1939: 245 (clé); COCKERELL 1943: 66 (variabilité); COCKERELL 1946: 638 (variabilité).

*Nomia ekuivensis* <...>. - Add: COCKERELL 1935: 167 (clé); COCKERELL 1935: 323 (clé); COCKERELL 1939: 245 (clé).

*Nomia andrenimorpha* <...>. - Add: STRAND 1913: 139 (clé).

*Nomia seminitens* COCKERELL, 1935: 417 <...>. - Correct and add: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 417 (description, matériel type); COCKERELL 1936: 518 (clé).

*Nomia seminitens* var. *beta* <...> Lectotype ♀. - Correct: Lectotype ♀, désigné ici.

? *Nomia plebeia* <...> 2 cotypes ♀. - Correct: 2 ♀ det. par COCKERELL.

*Lipotriches inaequalis* (COCKERELL). - Correct: (FRIESE).

*Nomia inaequalis* "FRIESE, in litt." <...>. - Correct and add: FRIESE in COCKERELL, 1931: 275 <...>; COCKERELL 1939: 126 (clé).

? *Nomia lustrans* COCKERELL, 1935: 332 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 332 (description, matériel type).

? *Nomia microsoma* COCKERELL, 1935: 335 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 335 (description, matériel type).

? *Nomia minutissima* COCKERELL, 1935: 336 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 336 (description, matériel type).

*Nomia kamerunensis* <...>. - Add: COCKERELL 1939: 245 (clé).

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*Nomia ligata* <...>. - Add: COCKERELL 1935: 165 (clé); COCKERELL 1935: 332 (note taxonomique).

*Nomia medani* COCKERELL, 1942: 710 <...>. - Correct and add: p. 713 <...>; COCKERELL 1942: 913 (clé).

*Nomia parca* KOHL, 1906 <...>. - Correct and add: p. 178, pl. iv, fig. 7, 9, 15 <...>; STRAND 1913: 131, 139 (clé); FRIESE 1916: 433 (clé); COCKERELL 1939: 245 (clé).

*Nomia gracilipes* PÉREZ, 1907. - Correct: p. 491, ♂♀.

*Nomia saussurei* FRIESE, 1900 <...>. - Correct and add: 1902 <...>; BENOIST, 1950: 102 (note taxonomique).

*Nomia cingulata* BENOIST, 1963. - Correct: 1964.

*Nomia (Rhopalomelissa) smaragdula* PAULY, 1980: 327-333, 5 figs. - Correct: p. 329, fig. 1-4.

*Nomia nigroaenea* FRIESE, MS? Type <...>. - Delete [nomen in schedulae].

*Nomia inconspicua* BENOIST, 1963. - Correct: 1964.

*Nomia robustula* COCKERELL, 1943: 70 <...>. - Correct: COCKERELL, 1942: 919 (clé, sans matériel) <...>; COCKERELL 1943: 69 (description, matériel type).

*Nomia aureolecta* <...>. - Add: COCKERELL 1942: 632 (clé).

*Nomia gigantea* FRIESE, MS. Type <...>. - Delete [nomen in schedulae].

*Nomia alivalensis* COCKERELL, 1935: 169. - Correct: p. 163 (clé), 169.

*Nomia albobentata* FRIESE, MS? Type <...>. - Delete [nomen in schedulae].

*Nomia basutorum* <...>. - Add: COCKERELL 1935: 163 (clé); COCKERELL 1946: 627 (clé).

*Nomia burorum* <...>. - Add: COCKERELL 1932: 19 (note taxonomique).

*Nomia cubitalis* <...> Lectotype. - Correct: Holotype.

*Nomia colona* <...> Lectotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; STRAND 1913: 138 (clé); COCKERELL 1946: 628 (clé).

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*Nomia dalyana* CAMERON, 1905: 244 <...>. - Correct and add: p. 243 <...>; BRAUNS 1912: 452 (redescription); MEADE-WALDO 1916: 457 (clé).

*Nomia dominarum* COCKERELL, 1932: 12, ♂. Holotype ♂ <...>. - Correct: p. 11, ♂. Lectotype ♂, désigné ici <...>.

*Nomia fulvipes* FRIESE, 1914: p.? <...>. - Correct and add: p. 634 <...>; FRIESE 1916: 433 (redescription); COCKERELL 1932: 162 (clé); COCKERELL 1942: 914 (redescription).

*Nomia gastrodonta* COCKERELL, 1946. - Add: p. 63.

*Nomia hirsutipes* COCKERELL, 1936, ♂. Holotype ♂. - Correct: p. 520, ♂. Lectotype ♂, désigné ici.

*Andrena matha* <...>. - Add: COCKERELL 1933: 457 (transfer dans le genre *Nomia*); COCKERELL 1935: 163 (*Nomia matha*, clé); COCKERELL 1935: 333 (*N. matha*, note taxonomique).

*Nomia burorum* var. *montana* <...> Lectotype ♂ <...>. - Correct and add: Lectotype ♀, désigné par COCKERELL 1932: 11 <...>; COCKERELL 1932: 11 (*N. montana*).

*Nomia nuda* FRIESE, ?MS. Cotype <...>. - Delete [nomen in schedulae].

*Nomia obscurascens* COCKERELL, 1935: 409 <...>. - Correct: COCKERELL, 1935: 163 (clé, sans matériel) <...>; COCKERELL 1935: 409 (description, matériel type).

*Nomia phenacopoda* COCKERELL, 1935: 412 <...>. - Correct and add: COCKERELL, 1935: 164 (clé, sans matériel) <...>; COCKERELL 1935: 412 (description, matériel type); COCKERELL 1946: 639 (clé).

? *Nomia rubripes* <...>. - Add: FRIESE 1916: 433 (redescription); COCKERELL 1932: 162 (clé); COCKERELL 1932: 7 (clé).

*Nomia rugicollis* <...> Lectotype ♀ <...> Cotype <...>. - Correct and add: Lectotype ♀, désigné ici <...> Paralectotype <...>; COCKERELL 1935: 163 (synonyme de *N. matha*).

*Nomia viridarii* COCKERELL, 1935: 423, ♀♂. Holotype ♀ <...>. - Correct and add: COCKERELL, 1935: 165 (clé, sans matériel), ♀♂. Lectotype ♀, désigné ici <...>; COCKERELL 1935: 423 (description, matériel type); COCKERELL 1942: 633 (clé).

*Nomia welwitschi* COCKERELL, 1908: 144, ♂♀. Holotype ♂ <...>. - Correct and add: p. 145, ♂♀. Lectotype ♂, désigné ici <...>; COCKERELL 1932: 163 (clé); COCKERELL 1932: 7 (clé).

*Nomia wellmani* <...>. - Add: COCKERELL 1942: 916 (variabilité).

*Nomia grossiventris* <...>. - Add: FRIESE 1909: 166 (redescription).

*Nomia kampalicola* - Correct: *Nomia kampalicola*.

*Nomia robustior* <...> Holotype ♀ <...>. - Correct and add: Lectotype ♀, désigné ici <...>; COCKERELL 1946: 627 (clé).

*Nomia arnoldi* FRIESE, 1930 <...>. - Add: p. 30 <...>; ALFKEN 1939:112 (note taxonomique).

*Nomia gobabica* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia meadowaldoi* BRAUNS, 1912: 450, ♂ <...>. - Correct and add: ♀♂ <...>; COCKERELL 1935: 81 (redescription).

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*Nomia opacibasis* COCKERELL, 1935: 410 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 410 (description, matériel type).

*Nomia opacibasis sublucens* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia kampalana* COCKERELL, 1935: 341. - Correct: p. 334 (clé), 341.

*Nomia panganina* <...>. - Add: STRAND 1913: 131 (clé); COCKERELL 1942: 635 (variabilité).

*Nomia junodiella* <...>. - Add: COCKERELL 1935: 167 (clé); COCKERELL 1939: 245 (clé).

*Nomia pachyaspis* COCKERELL, 1935: 344. - Correct: p. 334 (clé), 344.

*Nomia mediolucens* COCKERELL, 1943. - Add: p. 103.

*Nomia collaris* <...> Lectotype. - Correct: Holotype.

*Nomia rotundata* COCKERELL, 1933: 178. - Correct: p. 177 (clé), 178.

*Nomia lividicincta* <...> Lectotype. - Correct: *Nomia lividocincta* <...> Holotype.

*Nomia patellifera* <...> fig.6 <...>. - Add: ♂ <...>; STRAND 1913: 133 (clé); MEADE-WALDO 1916: 456 (clé); COCKERELL 1933: 177 (clé).

*Nomia nudiventris* FRIESE, 1914: p.? <...> Syn. nov. - Correct and add: p. 634 <...>; COCKERELL 1932: 19 (note taxonomique); COCKERELL 1935: 163 (synonyme de *N. patellifera*); COCKERELL 1939: 355 (*N. patellifera* ssp. *nudiventris*).

*Nomia pyrura* <...> Syn. nov. - Correct and add: COCKERELL 1920: 297 (clé); COCKERELL 1931: 269 (synonyme de *N. nudiventris*); COCKERELL 1943: 375 (synonyme de *N. patellifera*).

*Nomia pembensis* COCKERELL, 1947. - Correct: 1946.

*Nomia spinulifera* COCKERELL, 1933: 178. - Correct: p. 177 (clé), 178.

*Nomia sordida* COCKERELL, 1933: 179. - Correct: p. 177 (clé), 179.

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*Nomia albocollaris* COCKERELL, 1933: 179. - Correct: p. 177 (clé), 179.

*Nomia tetraloniformis* <...>. - Add: STRAND 1913: 136 (clé).

*Nomia rothkirchi* <...> Lectotype. - Correct: Holotype.

*Nomia nubicincta*. - Correct: *Nomia rubella* race *nubicincta*.

*Nomia bigibba* SAUSSURE, 1890: 58 <...>. - Correct and add: 1891: 57 (clé), 58, pl. xvii, fig. 4 <...>; STRAND 1913: 130 (clé).

*Nomia bicolor* SAUSSURE, 1890: 61 <...>. - Correct and add: 1891: 57 (clé), 61, pl. ii, iii, fig. 2, 7 <...>; STRAND 1913: 129 (clé); COCKERELL 1932: 21 (clé); COCKERELL 1939: 349 (clé).

*Nomia chilwensis* COCKERELL, 1939, ♂♀. Holotype. - Correct: p. 351, ♂♀. Lectotype ♂, désigné ici <...>.



*Nomia notabilis* SCHLETTERER, 1891: 3, ♂♀. Holotype ♀ <...> Gele <...>. - Correct and add: 3, pl. ii, fig. 5, ♂♀. Lectotype ♀, désigné ici <...> Gèle <...>; FRIESE 1909: 162 (redescription); COCKERELL 1932: 21 (clé); COCKERELL 1933: 181 (note taxonomique); COCKERELL 1939: 351 (note taxonomique).

*Nomia bicornigera* <...> Syn. nov. - Correct and add: STRAND 1913: 135 (clé); COCKERELL 1932: 5 (synonyme de *N. notabilis*).

*Nomia benitoana* <...>. - Add: STRAND 1913: 129 (clé).

*Nomia rodhaini* <...>. - Add: COCKERELL 1939: 350 (*N. rubella* race *rodhaini*, clé).

*Nomia oberthurella* SAUSSURE, 1890. - Correct: 1891.

*Nomia erythroptera* <...>. - Add: COCKERELL 1939: 350 (*N. rubella* race *erythroptera*, ♂, clé).

*Nomia pallidior*. - Correct: *Nomia rubella* race *pallidior*.

*Nomia rubella* <...> Lectotype ♂ <...> Syn. nov. <...> - Correct and add: Lectotype ♂, désigné par COCKERELL (1933: 180) <...>; STRAND 1913: 129, 135 (clé); MEADE-WALDO 1916: 456 (clé); COCKERELL 1920: 296 (clé); COCKERELL 1932: 21 (clé); COCKERELL 1933: 180 (note taxonomique); COCKERELL 1939: 349 (clé); COCKERELL 1943: 69 (variabilité).

*Nomia pulchritarsis* CAMERON MS, MEADE-WALDO, 1916: 456 <...> Syn. nov. - Correct and add: (le nom avait publié comme synonyme le plus récent de *N. rubella* SMITH, 1875, il est disponible parce que traité comme un nom valide par COCKERELL (1939: 349); Code, Art. 11) <...>; COCKERELL 1939: 349 (*N. rubella* race *pulchritarsis*, clé).

*Nomia jonesi*. - Correct: *Nomia rubella* race *jonesi*.

*Nomia matopicola*. - Correct: *Nomia rubella* race *matopicola*.

*Nomia neavei*. - Correct: *Nomia rubella* race *neavei*.

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*Nomia bequaertiella* <...> Holotype. - Correct: Syntypes.

*Nomia tanganyicensis* STRAND, 1913: 121, ♀. - Correct: ♀♂.

*Nomia megazona* COCKERELL, 1935: 334 <...>. - Correct: COCKERELL, 1935: 165 (clé, sans matériel) <...>; COCKERELL 1935: 334 (description, matériel type).

*Nomia chilwicola* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.

*Nomia laticincta* FRIESE, MS? Type. - Delete [nomen in schedulae].

*Nomia betsilei* SAUSSURE, 1890: 71, ♂. Lectotype <...>. - Correct and add: *Nomia ?betsilei* SAUSSURE, 1891: 58 (clé), 71, pl. xvii, fig. 5, ♂. Holotype <...>; STRAND 1913: 130 (clé).

*Nomia latifrons* <...>. - Add: Syn. nov.

*Nomia balteata* <...>. - Add: Syn. nov.

*Nomia talodiana* <...>. - Add: COCKERELL 1946: 627 (note taxonomique), 639 (clé).

*Nomia cryptodonta* <...> Holotype <...> cotype. - Correct: Syntype <...> syntype.

*Nomia cryptodonta rufotibialis* <...> Holotype ♂. - Correct: Syntypes ♂♀.

*Nomia elgonica* <...> Holotype ♂. - Correct: Lectotype ♂, désigné ici.

*Nomia speculina* <...> Holotype <...> cotypes <...>. - Correct: Syntype <...> syntypes <...>.

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*Nomia aegyptiaca* DALLA-TORRE, 1896, nom. nov. - Correct: p. 163, nom. nov. pour *N. femoralis* WALKER, 1871.

*Nomia femoralis* WALKER, 1871, nec PALLAS, 1773. - Correct: WALKER, 1871: 44, nec *Apis femoralis* PALLAS, 1773: 731.

- Add: *Nomia armatipes* var. *obscuripes* FRIESE, 1930: 31, [♂]. Syntype(s) ♂ ("Bulawayo [S. Rhodesia] im Dezember) (? MNHUB) (non examiné).

- Nomia cincticauda* <...>. - Add: COCKERELL 1943: 374 (clé).  
*Nomia lamotteri* BENOIST, 1957. - Add: p. 875.  
*Nomia eburneifrons* WALKER, 1871: 44. - Add: ♀.  
*Nomia pallicornis* <...>. - Delete [voir: p. 70].  
*Nomia politula* COCKERELL, 1946: 633 <...>. - Correct: COCKERELL, 1943: 69 (clé, sans matériel) <...>; COCKERELL 1946: 633 (description, matériel type).  
- Add: *Nomia quadrispinosa* FRIESE, 1930: 17, ♂ (nec FRIESE, 1915). Syntypes 2 ♂ ("Kigonsera (D.-O.-Afrika) und Saw Mills (S. Rhodesia), 26. Dezember 1919"). (? MNHUB) (non examiné).

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- Nomia trichonota* <...> Holotype ♂. - Correct: Lectotype ♂, désigné ici.  
*Nomia walkeri* DALLA-TORRE, 1896 nom. nov. <...>. - Correct: p. 170, nom. nov. pour *N. rufiventris* WALKER, 1871.  
*Nomia rufiventris* WALKER, 1871. - Add: p. 44.  
- Add: *Nomia zualula* STRAND, 1912: 104, ♂. Holotype ♂ ("Ein ♂ von Tanganyika-See (P. REICHARD)") (? MNHUB) (non examiné).  
*Nomia erythrogya* BENOIST, 1962: p. ? - Correct: 1964: 210.  
*Nomia dichroa* BENOIST, 1963. - Correct: 1964.  
? *Eupetersia* (*Nesoeupetersia*) *flava* MICHENER, 1978. - Add: p. 334, fig. 58, 59, ♀.  
*Nomia pilicornis* FRIESE, 1930 <...>. Add: p. 32, ♂.  
*Nomia pygmaea* FRIESE, réf.? - Correct: FRIESE, 1930: 28, ♂.  
*Nomia rudiuscula* BENOIST, 1963. - Correct: 1964.  
*Thrinchostoma nomiaeformis* <...>. - Replace by: *Thrinchostoma torridum* (SMITH) // *Nomia producta* SMITH, 1875: 66, pl. ii, fig. 16, ♂ (nec *Halictus productus* SMITH, 1853). Syntype(s) ♀ (Natal) (BMNH) (non examiné); BLÜTHGEN 1930: 537, 542 (synonyme de *Halictus torridus* SMITH, 1879) // *Halictus torridus* SMITH, 1879: 32, ♀. Syntype(s) (Natal) (BMNH) (non examiné); BLÜTHGEN 1930: 519, 520 (transfer dans le genre *Thrinchostoma*, clé), 537, 542 (redescription) // *Thrinchostoma nomiaeformis* COCKERELL, 1908: 145, nom. nov. pour *Nomia producta* SMITH, 1875, nec *Halictus productus* SMITH, 1853; COCKERELL 1920: 304 (♀); BLÜTHGEN 1930: 537 (synonyme de *Halictus torridus* SMITH, 1875).  
*Nomia* (*Meganomia*) *andersoni* MEADE-WALDO, 1916. - Add: p. 457.  
*Nomia* (*Meganomia*) *binghami* <...> Holotype ♀. - Correct: Lectotype ♀, désigné ici.  
*Nomia flavofasciata* <...> HEDICKE, 1931. - Add: FRIESE, 1930: 14 (♂); HEDICKE 1931: 34.  
*Nomia* (*Meganomia*) *tsavoensis* STRAND, 1920. - Correct: *Nomia tsavoensis* STRAND, 1920: 93.  
*Nomia flaviventris* BENOIST, 1963. - Correct: 1964.  
*Ancyla oraniensis* LEPELETIER // *Nomia flavilabris* LUCAS, 1849; WARNCKE 1976 (synonymie). - Replace by: *Ancyla oraniensis* Lepeletier // *Ancyla oraniensis* LEPELETIER, 1841: 294, ♀♂. Syntypes ♀♂ ("Oran, coll. LEPELETIER) (MNHNP) (non examinés). // *Nomia flavilabris* LUCAS, 1849a: 186, ♂! (sexe non précise dans la description originale; mentionné dans MORAWITZ 1974: 135). Syntypes ♂ ("Algir: Tonga, La Calle, in June, coll. LUCAS) (MNHNP) (non examinés); LUCAS 1849b: pl. 7, fig. 4, ♀; MORAWITZ 1874: 135 (redescription, transfer dans le genre *Plistotrichia* [= *Ancyla*]); WARNCKE 1976: 113 (synonyme de *Ancyla oraniensis*).

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- Monia grisea* <...> Lectotype ♂. - Correct: Lectotype ♂, désigné ici.

**Page 187**

- Add: BENOIST, R., 1950. Contribution à la connaissance des Hyménoptères Apides de Madagascar. - Mém. Inst. Sci. Madagascar (A), 4: 97-104.
- Add: BENOIST, R., 1951. Apides recueillis par MM. L. BERLAND et J. PANOUSE dans le sud Marocain en 1947. - Bull. Soc. Sci. natur. Maroc (1950),30: 37-48.
- BENOIST, R., 1954 <...>: 149-155. - Correct: 1955 <...>: 149-155.
- BENOIST, R., 1963 <...>: 207-220. - Correct: 1964 <...>: 207-220.
- BENOIST, R., 1964 <...>: 45-60. - Delete.
- BRAUNS, H., 1912 <...>: 63-71. - Delete.
- Add: BRAUNS, H., 1912. Zusätze und Berichtigungen zu Dr. H. FRIESES: Die Bienen Afrikas (Hym.). I. Fortsetzung. - Dt. ent. Z. 1912: 445-455.
- Add: BRAUNS, H., 1926. V. Nachtrag zu "FRIESE, Bienen Afrikas". - Zool. Jahrb. Abt. Syst. 52: 187-230.
- Add: BUYSSON, R., 1900. Sur quelques Hyménoptères de Madagascar. - Ann. Soc. ent. France 69: 177-180.
- BUYSSON, R., L. NUSSAE, 1913 <...>: 778-784. - Correct: 1914 <...>: 778-784.
- CAMERON, P., 1905 <...>: 185-265. - Correct: 185-244.
- Add: COCKERELL, T.D.A., 1904. Notes on some bees in the British Museum. - Canad. Ent. 36: 301-304.
- Add: COCKERELL, T.D.A., 1905. Descriptions and records of bees. III. - Ann. Mag. natur. Hist. (7), 16: 301-308.
- Add: COCKERELL, T.D.A., 1908. New African bees. - Entomologist, 41: 84-86.
- COCKERELL, T.D.A., 1908 <...>: 144-147. - Correct: 144-148.
- COCKERELL, T.D.A., 1909 <...>: 418-420. - Correct: 411-420.
- COCKERELL, T.D.A., 1909 <...> bees <...>: 400-402. - Correct: bees. [No.] XXIII <...>: 393-404.
- COCKERELL, T.D.A., 1910 <...> bees <...>: 503-504. - Correct: bees. [No.] XXIX <...>: 496-506.
- COCKERELL, T.D.A., 1911 <...>: 186. - Correct: Descriptions and records of bees. [No.] XXXVII. - <...> (8), 8: 179-192.
- COCKERELL, T.D.A., 1911 <...>: 217-234. - Correct: 217-241.
- COCKERELL, T.D.A., 1915 <...>: 212. - Delete [voir: COCKERELL, T.D.A., 1916 <...>: 188-216.

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- COCKERELL, T.D.A., 1917 <...>: 45-46. - Delete.
- COCKERELL, T.D.A., 1921 <...> bees <...>: 208-209. - Correct: bees. [No.] XC <...>: 201-212.
- COCKERELL, T.D.A., 1921 <...>: 359-363 [correct: pp. 359-368]. - Delete.
- Add: COCKERELL, T.D.A., 1929. Bees in the Australian Museum collection. - Rec. Austral. Mus. (Sydney) 17: 199-243.
- COCKERELL, T.D.A., 1931 <...> bees <...>: 201-209. - Correct: bees. [No.] CXXV <...>: 201-212.
- Add: COCKERELL, T.D.A., 1931. Descriptions and records of bees. CXXVI. - Ann. Mag. natur. Hist. (10), 7: 273-281.
- COCKERELL, T.D.A., 1932 <...>: 18-22. - Correct: 18-27.
- COCKERELL, T.D.A., 1932 <...>: 1-12. - Correct: 1-16.
- COCKERELL, T.D.A., 1932 <...> bees <...>: 488-492. - Correct: bees. [No.] CXXXVIII <...>: 488-496.
- COCKERELL, T.D.A., 1933. Some African bees <...>: 171-182. - Correct: Some African nomiine bees <...>: 171-182.

- Add: COCKERELL, T.D.A., 1933. Descriptions and records of bees. CXLII. - Ann. Mag. natur. Hist. (10), 11: 372-384.
- Add: COCKERELL, T.D.A., 1933. Descriptions and records of bees. CXLIII. - Ann. Mag. natur. Hist. (10), 11: 456-468.
- COCKERELL, T.D.A., 1934 <...>: 444-446 [correct: 444-456]. - Delete.
- COCKERELL, T.D.A., 1935 <...>: 335-350. - Correct: 333-350.
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### Literaturbesprechung

**Harper Collins Cartographic 1996: Bartholomew World 1:5 Mio. digitale Karten.** - Harper Collins Publishers, Glasgow, mehr als ein Gigabyte Daten wahlweise in verschiedenen Graphik- und GIS-Formaten auf CD-ROM.

Die ganze Erde auf Silberscheiben, angeboten vom nach wie vor führenden kartographischen Verlag Bartholomew! Nun gibt es derartige digitale Atlanten in nicht geringer Anzahl, entscheidend jedoch ist die Genauigkeit und Aktualität der Karten. Das vorliegende Kartenwerk setzt hier Maßstäbe. Nicht nur die gerade genannten Qualitätskriterien sind hier auf dem neuesten Stand, die verschiedenen angebotenen Dateiformate erlauben die Verarbeitung der digitalen Daten vom einfachsten Graphikprogramm bis zum professionellen GIS-Einsatz. Die Dateien bieten die Attribute Linien, Punkte und Polygone und können im GIS mit jeder beliebigen Datenschicht wie Klimadaten etc. kombiniert werden. Ein reicher Datenschatz mit der Möglichkeit zu statistischer Auswertung erschließt sich so dem Systematiker, Biogeographen und Ökologen. Der Verlag bietet übrigens noch einige andere Kartenmaßstäbe sowie Sonderkarten an. Einen kleinen Wermutstropfen bringt die geographische Datenflut allerdings mit sich: Unter einem flotten 486 mit mindestens 16 MB RAM sollte man sich nicht an diesen digitalen Atlas heranwagen.  
Michael CARL

**ETI, 1997: Die Vögel Europas.** - CD-ROM, Springer Verlag, Berlin.

Die CD-ROM "Die Vögel Europas" ist Teil der englischsprachigen ETI-CD-ROM-Reihe "The World Biodiversity Database", ein Projekt mit dem Ziel, die Artenvielfalt unserer Erde zu dokumentieren (ETI steht für "Expert Center for Taxonomic Identification" in Amsterdam). Auf dieser CD werden 447 europäische Vogelarten in Farbfotos und -zeichnungen dargestellt. Zu jeder Art gibt es ein typisches Gesangsmuster mit entsprechendem Sonogramm; zum Vergleich können auch zwei Vogelstimmen gleichzeitig gehört werden. Der Text ist wissenschaftlich gehalten und sehr informativ; gerade dem Einsteiger in die Ornithologie wird so der richtige Einstieg in das Fachgebiet ermöglicht. Der gesamte Text ist durch "Hyperlinks" verknüpft, so daß jederzeit der gewünschte Begriff aus dem Glossar mit 500 Schlagwörtern parat ist. Eine Bestimmung der Vögel ist aber nicht immer ganz einfach, zumal meist nur ein Farbkleid abgebildet ist oder gerade mal ein Flugbild zur Verfügung steht. Der beschreibende Text geht allerdings auf die feldornithologischen Kennzeichen ein, führt Unterarten auf und liefert Angaben zu Verbreitung, Lebensraum und Nahrung. Die Videos von ausgewählten Verhaltensmustern kann man im großen und ganzen vergessen; sie sind von mäßiger Qualität und ohne Aussage. Wirklich hervorragend und trickreich ist die Darstellung der Verbreitungskarten, mit Längen- / Breiten-Angaben, Ein- und Ausblenden des Gitternetzes, Einfügen der Ländergrenzen, Paläarktis- oder Ausschnitts-Darstellung und vergleichende Verbreitungsmuster zweier Arten - ein echtes "highlight". Zu jeder Vogelart kann man seine eigenen Notizen machen und nicht zuletzt kann man sein Wissen per Quiz mit drei Schwierigkeitsstufen testen; eine durchaus auch für den Profi reizvolle Betätigung. Die Systemanforderungen beinhalten 8 MB RAM, Windows 3.x oder Windows 95, VGA 16 Bit-Farbmonitor, 4-fach CD-ROM-Laufwerk und eine entsprechende Soundkarte.  
Roland GERSTMEIER

**Schmidt-Nielsen, K. 1997: Animal Physiology. Adaption and environment. - Cambridge University Press, Cambridge. 607 S.**

Dieses überaus erfolgreiche Lehrbuch der Tierphysiologie liegt nun in der revidierten 5. Auflage vor. Neue Informationen und Literaturzitate sind hinzugekommen, einige Zeichnungen wurden entfernt bzw. durch neue ersetzt, aber Stil und Inhalt wurden beibehalten. Lediglich das 10. Kapitel "Movement, Muscle, Biomechanics" wurde gründlich überarbeitet und modifiziert. Tierphysiologie beinhaltet die Funktionen von Tieren in ihrer Umwelt, welche Probleme dabei auftreten und wie diese Probleme gelöst werden. Vor allem sind es die Themen Atmung, Kreislauf und Ernährung, gekoppelt mit den Faktoren Sauerstoff, Temperatur, Wasser, Nahrung und Energie, die zwei Drittel des Textes beanspruchen. Der Rest erstreckt sich über Bewegung (Biomechanik), neuronale Kontrolle und Integration, hormonelle Kontrolle sowie Information und Sinne. Der Text ist nie "trocken", da immer der klare Bezug der Tiere zu ihrer Umwelt im Vordergrund steht. Zahlreiche Abbildungen und Tabellen ergänzen den Text, die Literaturangaben zitieren die wesentlichen Quellen und geben Anregungen für erweiterte Studien.

Dank der lebendigen Sprache des Autors wird das Studium der Tierphysiologie zu einem Genuß für jeden Leser.  
Roland GERSTMEIER

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Druck, Eigentümer, Herausgeber, Verleger und für den Inhalt verantwortlich:  
Maximilian SCHWARZ, Konsulent für Wissenschaft der O.Ö. Landesregierung,  
Eibenweg 6, A-4052 Ansfelden  
Redaktion: Erich DILLER, ZSM, Münchhausenstrasse 21, D-81247 München, Tel. (089) 8107-159  
Fritz GUSENLEITNER, Lungitzerstrasse 51, A-4222 St. Georgen / Gusen  
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