

Types of Cicadellinae (Homoptera: Cicadellidae) in the Natural History Museum in Vienna ¹⁾

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This paper is written to stabilize the identities of a number of taxa described by Signoret and to note the location of the holotype of one taxon described by Melichar, in preparation for a revision of the genera being prepared by Young. This study was made possible by a leave of absence for research from North Carolina State of the University of North Carolina at Raleigh and the financial support from that institution and the National Science Foundation.

A great majority of the type material of taxa described by Signoret in the subfamily Cicadellinae is located in the Natural History Museum in Vienna, with a smaller number of taxa being represented by type material in East Berlin, Brussels, Paris, and the collections of Germar, Boheman, Latreille, Guérin and Spinola. Efforts by Young to locate the Germar collection have been fruitless, and it appears likely that this collection was destroyed. In some cases the original series of a given taxon was located in more than one institution, according to the original description.

Selection of lectotypes was made in consideration of what was said in the original description, the fact that Signoret's collection is now in Vienna, the occurrence of "type" labels (or red tags indicating that possibly the principle of "first reviser" was involved), and the interest of science (the preference of a nonteneral over a teneral form, a male over a female, or a specimen in good condition over a badly damaged one).

In the collection of Cicadellinae in Vienna, the specimens of the Signoret collection are indicated by the labels they bear (see examples below). They usually stand at the head of the series of specimens in each taxon. The specimens mentioned below are only those of the Signoret collection, unless otherwise stated. The specimens are not all in good condition, but are well

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curated. They are remarkably free of meaningless "type" labels added since Signoret's work was completed.

Illustrations of diagnostic characters of nearly all of the taxa listed below have been made and will be published by Young in the later work, listed above. There follows a list of specimens selected as lectotypes, with references to the original description for each taxon, and identifying data for each specimen. The individual labels on a pin are separated by the word "and". The individual lines, except the last, on a label, are separated by a semicolon (;).

The full bibliographic reference for the original description of each species may be found by consulting the section: "Literature Cited", where the entries bear the same code numbers found in Metcalf's, "Bibliography of the Homoptera", also listed in that section.

The original illustrations were surprisingly accurate, at least in some copies of the work, in view of the difficulties involved in the manner of reproduction, but a number were inaccurate, as was the size indicated for a number of the taxa. A number of the inaccuracies in color are noted below. Size was not checked in view of the fact that better structural characters have been found.

Tettigonia albinervosa Signoret (1854a: 25). Female with labels: "Chile; Coll. Signoret" and "*albinervos.*; det. Signoret." and "*albonervosa*; Chili Spin.; [1 word]. 284. [digit]". There were four specimens. One had the head missing. The other three were mounted on a single pin. The lectotype is the topmost specimen.

Tettigonia albomarginata Signoret (1853b: 347). Male with labels: "Austral.; Coll. Signoret." and "*albomargin.*; det. Signoret". There were two males with identical data. The lectotype agrees well with the original illustration.

Tettigonia albostrata Signoret (1853b: 366). Female with labels: "Brasil.; Coll. Signoret." and "*albostrat.*; det. Signoret.". This was the only specimen in the collection.

Tettigonia amblardii Signoret (1855a: 53). Male with labels: "Mexico; Coll. Signoret." and "*Amblardii*; det. Signoret." and "*Amblardii*; det. Fowler." There was also a teneral female in the collection. The lectotype agrees fairly well with the original illustration. The original description states that the species is from Bolivia, but this is believed to be a *lapsus*.

Tettigonia argyrops Signoret (1853c: 678). Female with labels: "Manilla; Coll. Signoret". and "*argyrops*; det. Signoret". This was the only specimen in the collection. The anterior dorsum is as in the original illustration of *impudica* Signoret.

Tettigonia assimilis Signoret (1853b: 340). Male with labels: "San Paolo; Coll. Signoret" and "*assimilis* Sign.". There was also a female in the collection.

Tettigonia atropunctata Signoret (1854b: 354). Female with labels: "Brasil; Coll. Signoret" and "*atropunctata*; det. Signoret". There were three

specimens in the collection, but only the lectotype had a Brazil locality label, and this was probably in error. One of the forewings of the lectotype was mounted separately on a small cardboard rectangle beneath the specimen. The seventh sternum is somewhat moulded. The markings of the anterior dorsum were as in the original illustration, but the background was gray instead of white. The other two specimens, which were conspecific, were from Mexico. Each had a Signoret determination label "*Briardii*", which is apparently a manuscript name. Fowler had seen one of these and had added his determination label, "*atropunctata*".

Tettigonia aubei Signoret (1855d: 771). Female with labels: "Columbia; Coll. Signoret." and "*Aubei*; det. Signoret." and "*Pseudoscarta*". This was the only specimen in the collection. The seventh sternum was partially damaged. The original illustration was inaccurate.

Tettigonia aurantiaca Signoret (1855b: 225). Male with labels: "Mexico; Coll. Sign." and "*aurantiaca*; det. Sign." and "*ochracea*; Walk." and "*aurantiaca*; det. Fowler.". There were two males in the collection. Both were teneral. The less teneral was selected as lectotype. It agreed fairly well with the original description, but neither specimen had the notch in the anterior margin of the crown as in the illustration.

Tettigonia auroguttata Signoret (1853b: 373). Male with labels: "Brasil; Coll. Signoret." and "*auroguttat.*; det. Signoret". There was an additional specimen, with the abdomen missing.

Tettigonia bigutta Signoret (1854a: 6). Female with labels: "Bahia; Coll. Signoret." and "*bigutta*; det. Signoret.". This was the only specimen in the collection. One forewing was missing and the median posterior projection of the seventh sternum was possibly broken off.

Tettigonia biimpressa Signoret (1854b: 362). Male with labels: "Mexico; Coll. Signoret." and "*bimaculata*; det. Signoret.". There was another male, with identical data, in the collection. The lectotype had been studied by Dr. Heinz Schröder (as *bimaculata* Signoret).

Dilobopterus bimaculatus Signoret (1850b: 286). Male with labels: "Rio Jan.; Coll. Signoret." and "*bimaculat* [rest cut off]; det. Signoret.". This was the only specimen in the collection.

Tettigonia bisellata Signoret (1862d: 586). Male with labels: "Peru; Coll. Signoret." and "*bisellata*; det. Signoret.". There were two other specimens in the collection.

Tettigonia bituberculata Signoret (1855c: 528). Male with labels: "Rio Negro; Coll. Signoret." and "*bitubercul.*; det. Signoret.". There was also a female in the collection.

Tettigonia blandula Signoret (1860a: 203). Female with labels: "Madagask.; Coll. Signoret" and "*Blandula*; det. Signoret". This was the only specimen in the collection. This specimen bore a blank red tag affixed by a previous worker.

Dilobopterus burmeisteri Signoret (1850b: 286). Female with labels: "Mexico; coll. Signoret" and "Burmeister [cut off]; det. Signoret.". This was the only specimen in the collection. It has been badly damaged by mould. The wings were off, but one hind wing had been mounted on a small piece of cardboard.

Tettigonia cincta Signoret (1854b: 363). Male with labels: "Brasil; Coll. Signoret." and "*cincta*; det. Signoret.". This was the only specimen in the collection. It had been studied by Dr. Heinz Schröder.

Tettigonia coeruleovittata Signoret (1854a: 21). Male with labels: "Mexico; Coll. Signoret" and "*lineata*; det. Signoret". The original description gave "Etats Unis" as the type locality, but this was probably a *lapsus* for this species does not occur in the U. S.

Tettigonia columbica Signoret (1855b: 236). Female with labels: "Bogota; Coll. Signoret." and "*columbica*; det. Signoret.". There was an additional female in the collection. The lectotype is like the original illustration except that the pronotum is bright orange.

Tettigonia confusa Signoret (1855a: 58). Male with labels: "Mexico; Coll. Signoret." and "*confusa*; det. Signoret." and "*confusa*; det. Fowler.". There was also a female in the collection.

Tettigonia coquereli Signoret (1853b: 352). Female with labels: "Madagascar; Coll. Signoret." and "*Coquereli*; det. Signoret.". This was the only specimen in the collection. The anterior dorsum did not agree very well with the original illustration.

Tettigonia corticata Signoret (1855b: 226). Male with labels: "Peru; Coll. Signoret." and "*corticata*; det. Signoret.". There was an additional male specimen in the collection. The lectotype has the head more nearly like the original illustration than the head of the other specimen. The other specimen was not conspecific.

Tettigonia dallasi Signoret (1853b: 367). Male with labels: "Brasil.; Coll. Signoret." and "*dallasi*; det. Signoret.". This was the only specimen in the collection. The original illustration was accurate.

Tettigonia dimidiata Signoret (1853c: 680). Specimen with labels: "Java; Coll. Signoret." and "*dimidiata*; det. Signoret.". This was the only specimen in the collection. The abdomen was missing. The specimen agreed well with the original illustration.

Tettigonia distincta Signoret (1854a: 27). Male with labels: "Colomb" and "Columbia; Coll. Signoret" and "*distincta*; det. Signoret.". This was the only specimen in the collection.

Tettigonia dufouri Signoret (1855a: 55). Female with labels: "Caracas; Coll. Signoret" and "*Dufourii*; det. Signoret.". This was the only specimen in the collection. It agreed fairly well with the original illustration except that the median line on the crown of head and pronotum appeared to have been painted on with a brush!

Tettigonia elongata Signoret (1854c: 495). Male with labels: "Bogota; Coll. Signoret." and "*elongata*; det. Signoret.". There was one additional specimen in the collection.

Tettigonia episcopalis Signoret (1853b: 332). Specimen with labels: "Para; Coll. Signoret" and "*episcopalis*; det. Signoret.". This was the only specimen in the collection. The abdomen and left forewing were missing. There were other specimens, placed in the collection later than Signoret's work, which appeared to be correctly associated with the lectotype.

Tettigonia fabricii Signoret (1855c: 521). Female with labels: "Brasil; Coll. Signoret." and "*fasciatus*; det. Signoret.". There was an additional female in the collection.

Tettigonia facialis Signoret (1854c: 489). Male with labels: "Brasil; Coll. Signoret" and "*facialis*; det. Signoret.". There were five additional specimens in the collection.

Tettigonia fairmairei Signoret (1853c: 685). Female with labels: "Brasil; Coll. Signoret." and "*Fairmairii*; det. Signoret.". This was the only specimen in the collection. The original illustration was accurate.

Tettigonia fitchi Signoret (1855b: 231). Specimen, abdomen missing, with labels: "Cayenne; Coll. Signoret." and "*Fitchii*; det. Signoret.". This was the only specimen in the collection.

Tettigonia flavicollis Signoret (1853b: 350). Specimen with labels: "Brasil; Coll. Signoret" and "*flavicollis*; det. Signoret.". The abdomen was missing from this, the only specimen in the collection. The original illustration was accurate.

Tettigonia flavoscutellata Signoret (1855c: 509). Female with labels: "S. Amer.; Coll. Signoret." and "*flavoscutel; lata*; det. Signoret.". This was the only specimen in the collection. The original illustration was accurate.

Tettigonia funebris Signoret (1854c: 490). Female with labels: "Mexico, Coll. Signoret." and "*funebris*; det. Signoret." and "*tartarea*; det. Stal" and "*funebris*; det. Fowler.". There was an additional female in the collection. The seventh abdominal sternum of the lectotype agrees with Schröder's (1959: Plate I, fig. 18) illustration.

Tettigonia geometrica Signoret (1854a: 12). Specimen with labels: "Columbien; Coll. Signoret." and "*geometrica*; det. Signoret.". This was the only specimen from the original series eligible as lectotype. It was very thoroughly glued to cardboard, and was not soaked off, since the specific identity can be determined without reference to genitalia.

Tettigonia gothica Signoret (1854b: 345). Female with labels: "N. Amer.; Coll. Signoret." and "*gothica*; det. Signoret.". There were seven specimens in the original collection. Three of these bore "hieroglyphica" labels. Of the remaining four specimens, two were without abdomen and the remaining two were females.

Tettigonia grossa Signoret (1854a: 24). Female with labels: "*grossa*;

det. Signoret.” and “Caracas; Coll. Signoret.”. There were two additional topotypic specimens in the collection: one a female, the other without an abdomen.

Tettigonia guerini Signoret (1855a: 51). Male with labels: “Cayenne; Coll. Signoret.” and “*Guerinii*; det. Signoret.”. There was also a female in the collection. The membrane of the forewings included only the inner apical cell and the appendix. There was a tubercle on each side of the mesosternum. Three of the four rows of spines on the hind tibiae were sparse and with elevated bases.

Tettigonia guttata Signoret (1854b: 355). Specimen with labels: “Mexico; Coll. Signoret” and “*guttata*; det. Signoret” and “*guttata*; det. Fowler.”. The only other specimen in the collection was badly moulded and had abdomen and both wings missing. The lectotype was without abdomen. It was like the original illustration but the red color was brighter than in the illustration and the ultimate red band of the forewing was straight instead of U-shaped.

Tettigonia hectica Signoret (1854a: 20). Female with labels: “Brasil; Coll. Signoret.” and “*hectica*; det. Signoret”. There were other specimens in the collection which were correctly associated with the lectotype.

Tettigonia humeralis Signoret (1853b: 369). Male with labels: “San Paolo; Coll. Signoret.” and “*humeralis*; det. Signoret.”. This was the only specimen in the collection.

Tettigonia impudica Signoret (1853c: 677). Female with labels: “Manilla; Coll. Signoret.” and “*impudica*; det. Signoret.”. The seventh abdominal sternum of the lectotype was somewhat distorted. There was an additional, teneral female in the collection.

Tettigonia laboulbeni Signoret (1855a: 52). Male with labels: “Columbia; Coll. Signoret.” and “*Laboulbenii*; det. Signoret.”. There was an additional male in the collection. The original illustration was not very accurate.

Tettigonia leucampix Signoret (1853b: 340). Female with labels: “San Paolo; Coll. Signoret” and “*leucampix*; det. Signoret.”. This was the only specimen in the collection. All of the transverse markings were broader than in the original illustration.

Tettigonia libidinosa Signoret (1862d: 587). Female with labels: “Peru; Coll. Signoret.” and “*libidinosa*; det. Signoret.” and “=*rostrata*; Sign.”. This was the only specimen in the collection.

Tettigonia lineatocollis Signoret (1854d: 728). Specimen with labels: “Madagasc.; Coll. Signoret.” and “*lineaticollis*; det. Signoret.”. The specimen was without an abdomen. It did not have a plexus of veins at the apex of the forewings as shown in the original illustration. The membrane of the forewings included only the inner apical cell and the appendix. The pin also bore a blank red label which had been previously affixed by another worker.

Tettigonia luciola Signoret (1855b: 239). Specimen with labels: “Mexico; Coll. Signoret.” and “*luciola*; det. Signoret.” and “*luciola*; det. Fowler.”.

The head and abdomen were missing from the specimen. This was the only specimen in the collection.

Tettigonia lugubris Signoret (1854a: 13). Male with labels: "Mexico; Coll. Signoret." and "*lugubris*; det. Signoret.". There was another male, which had been studied by Fowler, in the collection, but it resembled the original illustration even less than the lectotype here designated.

Tettigonia lurida Signoret (1853c: 662). Female with labels: "Brasil.; Coll. Signoret." and "*lurida*; det. Signoret". The specimen was without a right forewing. It agreed well with the original illustration. This was the only specimen in the collection.

Tettigonia madagascariensis Signoret (1854b: 344). Male with labels: "Madagascar; Coll. Signoret" and "*Madagascar*-. *iens.*; det. Signoret.". The anterior dorsum of this specimen agreed well with the original illustration. The pin also bore a blank red label which had been previously affixed by another worker.

Tettigonia major Signoret (1854c: 491). Male with labels: "Guatemala; Coll. Signoret." and "*major*; det. Signoret.". There were an additional topotypic specimen and three other specimens in the collection. The lectotype was moulded.

Tettigonia monstrosa Signoret (1855b: 335). Female with labels: "Brasilia; Coll. Signoret." and "*monstrosa*; det. Signoret.". The abdomen of this specimen had been mounted separately for the original illustration. There was an additional female in the collection. The color of the lectotype agreed well with the original illustration, but the specimen was more robust than illustrated.

Tettigonia mutabilis Signoret (1853c: 683). Male with labels: "Brasil.; Coll. Signoret." and "*mutabilis*; det. Signoret.". The specimen agreed well with the original illustration. One additional topotypic specimen was without an abdomen. There was a third specimen, which was not topotypic, in the collection.

Tettigonia mutans Signoret (1855b: 228). Male with labels: "Mexico; Coll. Signoret." and "*mutans*; det. Signoret.". There were five additional specimens in the collection. The original illustration was made from a female.

Tettigonia nebulosa Signoret (1854b: 343). Specimen with labels: "Fernambuco [sic!]; Coll. Signoret" and "*nebulosa*; det. Signoret.". The specimen was without an abdomen. There was one additional specimen, a female, in the collection.

Tettigonia nigra Signoret (1855c: 513). Male with labels: "Amazon.; Coll. Signoret." and "*nigra*; det. Signoret.". This was the only specimen in the collection.

Tettigonia nigriceps Signoret (1855c: 508). Female with labels: "Guatemala; Coll. Signoret." and "*nigrifrons*; det. Signoret.". This was the only specimen in the collection. There was a very conspicuous white spot in each ventrolateral angle of the postclypeus.

Tettigonia nigripes Signoret (1853b: 370). Female with labels: "Brasil.; Coll. Signoret" and "*nigripes*; det. Signoret.". This was the only specimen in the collection. It agreed well with the original illustration.

Tettigonia nigropunctata Signoret (1855c: 527). Female with labels: "Mexico; Coll. Signoret." and "*nigropunct.*; det. Signoret" and "*nigropunctata*; det. Fowler.". There were two additional specimens in the collection, one of which was a female, the other without an abdomen.

Tettigonia norma Signoret (1853c: 671). Male with labels: "Manila; Coll. Signoret." and "*norma*; det. Signoret.". This was the only specimen in the collection. It agreed well with the original illustration.

Tettigonia obsoleta Signoret (1854a: 15). Male with labels: "Laguaira; Coll. Signoret." and "*obsoleta*; det. Signoret.". This was the only specimen in the collection. Evidently the markings of the forewings had faded considerably since the original illustration was made.

Tettigonia oculata Signoret (1853b: 344). Male with labels: "Laguaira; Coll. Signoret" and "*oculata*; det. Signoret.". There was one additional male in the collection, but this specimen possibly was not conspecific with the lectotype.

Tettigonia personata Signoret (1854b: 364). Male with labels: "Brasil; Coll. Signoret." and "*personata*; det. Signoret.". There were two additional females in the collection. Schröder (1959: 37) had studied the lectotype.

Tettigonia peruviana Signoret (1862d: 587). Male with labels: "Peru; Coll. Signoret." and "*peruviana*; det. Signoret". There were two additional males in the collection.

Tettigonia physocephala Signoret (1854d: 720). Female with labels: "Brasil.; Coll. Signoret." and "*physocephal* [a, cut off]; det. Signoret.". This was the only specimen in the collection. It agreed with the original illustration.

Tettigonia punctatissima Signoret (1854a: 16). Female with labels: "Columbia; Coll. Signoret." and "*punctatissima*; det. Signoret". This was the only specimen in the collection. It was not in good condition, the posterior end of the abdominal venter being covered with mould.

Tettigonia punctulata Signoret (1853b: 345). Specimen with labels: "Mexico; Coll. Signoret." and "*punctulat* [a]; det. Signoret". This specimen was without the abdomen, as mentioned in the original description. There was an additional female in the collection which bore Fowler's determination label, in addition to Signoret's, but was doubtfully conspecific with the lectotype.

Tettigonia quadrilineata Signoret (1853c: 669). Female with labels: "Nilgherrys; Coll. Signoret." and "*4-lineata*; det. Signoret.". This was the only specimen in the collection. It agreed with the original description except for the forewings, which had longitudinal fuscous vittae, one in clavus, one along the claval suture, one on the disc of the corium, and one along the costal margin.

Tettigonia reichi Signoret (1855d: 797). Female with labels: "Venezuela;

Coll. Signoret." and "*Reichii*; det. Signoret.". This was the only specimen in the collection. It agreed closely with the original illustration.

Tettigonia repanda Signoret (1855a: 60). Male with labels: "San Paolo; Coll. Signoret." and "*repanda*; det. Signoret.". This was the only specimen in the collection. It agreed well with the original illustration.

Tettigonia reticulata Signoret (1854a: 22). Specimen with labels: "Cuba; Coll. Signoret" and "*reticulata*; det. Signoret." and "Type" and "Plesiotype; *Carneocephala*; *reticulata*; (Sign.)". The abdomen was missing from this specimen. There was one additional specimen in the collection.

Tettigonia rubricauda Signoret (1854b: 351). Specimen with labels: "*rubricauda*; det. Signoret." and "Paraguay; Coll. Signoret.". This was the only specimen in the collection. The abdomen was missing, and a portion of the thorax was ready to drop off, and irreparable. The loose portion was placed in a vial beneath the remaining portion on the pin.

Tettigonia rubriventris Signoret (1855a: 52). Male with labels: "Mexico; Coll. Signoret." and "*rubriventr.*; det. Signoret." and "*rubriventris*; det. Fowler.". There were six other specimens in the collection. The lectotype did not agree with the original illustration as well as one of the females, but the two were conspecific.

Tettigonia rubrolimbata Signoret (1854d: 718). Male with labels: "Bogota; Coll. Signoret." and "*rubrolimbat.*; det. Signoret.". There were two additional specimens in the collection. The original description listed Bolivia as type locality, but this is believed to have been a *lapsus* since specimens in Budapest and Brno are from Colombia, as well as the lectotype.

Tettigonia rugicollis Signoret (1855c: 525). Male with labels: "Mexico; Coll. Signoret" and "*rugicollis*; det. Signoret." and "*rugicollis*; det. Fowler.". There were three additional topotypic specimens in the collection.

Tettigonia salax Signoret (1862d: 588). Male with labels: "Peru; Coll. Signoret." and "*salax*; det. Signoret." This was the only specimen in the collection. It was teneral and with the genital capsule distorted and damaged. The genital structure described originally was the pygofer.

Tettigonia schauumi Signoret (1853b: 327). Female with labels: "Brasil; Coll. Signoret." and "*Schaumii*; det. Signoret.". This was the only specimen in the collection. It was more robust than shown in the original illustration.

Tettigonia scutellata Signoret (1860a: 203). Female with labels: "Madagask.; Coll. Signoret" and "*scutellata*; det. Signoret". The lectotype also bore a blank red label. There was an additional female in the collection, and this was a better specimen. It wasn't chosen as lectotype because it was assumed that the red-tagged specimen had been or would be the basis of some other worker's interpretation of this species.

Tettigonia segmentalis Signoret (1853b: 345). Female with labels: "San Paolo; Coll. Signoret" and "*segmentalis*; det. Signoret" and "*Pseudoscarta*".

This was the only specimen in the collection. A hind wing had been removed and was mounted, on a separate pin.

Tettigonia semicircularis Signoret (1853b: 348). Male with labels: "Pondichery; Coll. Signoret" and "*semicircular.*; det. Signoret.". This was the only specimen in the collection.

Tettigonia semiguttata Signoret (1853b: 367). Male with labels: "Brasil.; Coll. Signoret." and "*semiguttat.*; det. Signoret.". This was the only specimen in the collection.

Tettigonia septemfasciata Signoret (1853b: 332). Male with labels: "Laguaira; Coll. Signoret" and "*7 fasciata*; det. Signoret". There was an additional pair in the collection, a female which was moulded, and from Venezuela, and a topotypic male.

Tettigonia spinolai Signoret (1853b: 365). Female with labels: "Brasil.; Coll. Signoret." and "*Spinolae*; det. Signoret.". There was an additional, moulded female in the collection.

Tettigonia stali Signoret (1855d: 787). Female with labels: "Mexico; Coll. Signoret" and "*Stalii*; det. Signoret" and "*Stalii*; det. Fowler.". This was the only specimen in the collection.

Dilobopterus stollis Signoret (1850b: 287). Female with labels: "Columbien; Coll. Signoret" and "*Stolli*; det. Signoret". The illustration (Signoret, 1853a, pl. II fig. 7) is accurate, but the large pale area of the forewing is so hyaline that the dark jugal lobes of the hind wing are visible in dorsal view. This was the only specimen in the collection.

Tettigonia stylata Signoret (1854b: 344). Female with labels: "Para; Coll. Signoret" and "*stylata*; det. Signoret.". This was the only specimen in the collection.

Tettigonia sulcata Signoret (1855a: 58). Male with labels: "Bolivia; Coll. Signoret." and "*sulcata*; det. Signoret.". This was the only specimen in the collection.

Tettigonia trilineaticeps Signoret (1853b: 338). Female with labels: "Brasil.; Coll. Signoret" and "*3-lineaticeps*; det. Signoret.". This was the only female in the collection. There was also a male, which appeared to be correctly associated, but was not mentioned in the original description.

Dilobopterus trifasciatus Signoret (1850b: 288). Female with labels: "Brasilien; Coll. Signoret." and "*trifasciata*; det. Signoret.". This was the only specimen in the collection. The wings had been mounted separately, on cardboard.

Tettigonia ulcerata Signoret (1854d: 722). Female with labels: "Brasil.; Coll. Signoret." and "*ulcerata*; det. Signoret.". This was the only specimen in the collection. The right hind leg was abnormal, and not a jumping leg. Probably all the legs were abnormal to some degree.

Tettigonia unimaculata Signoret (1854a: 26). Male with labels: "Calcutta; Coll. Signoret." and "*unimacul.*; det. Signoret.". There was an additional female in the collection.

Tettigonia varicolor Signoret (1854a: 15). Male with labels: “*varicolor*; det. Signoret.” and “Honolulu; Coll. Signoret.”. This specimen had been somewhat damaged. There was another topotypic specimen in the collection, but it was more teneral.

Tettigonia variolosa Signoret (1854b: 341). Male with labels: “Cayenne; Coll. Signoret” and “*atomaria*; det. Signoret”. This was the only specimen in the collection. It was without doubt the species illustrated in the original work.

Tettigonia ventralis Signoret (1854a: 21). Female with labels: “*ventralis*; det. Signoret” and “Columbia; Coll. Signoret.”. This was the only specimen in the collection.

Tettigonia verticalis Signoret (1853b: 369). Female with labels: “Columbien; Coll. Signoret.” and “*verticalis*; det. Signoret.”. This was the only specimen in the collection. The original illustration was very inaccurate.

Tettigonia vicina Signoret (1853a: 35). Female with labels: “Brasilien; Coll. Signoret” and “*vicina*; det. Signoret.”. This was the only specimen in the collection. The distinctive pronotal markings were as in the original illustration.

Tettigonia westwoodi Signoret (1853b: 364). Female with labels: “Brasil; Coll. Signoret.” and “*Westwoodi*; det. Signoret.”. The wing apices had been broken off. There was an additional, moulded specimen in the collection.

Splonia acutalis Melichar (1925a: 360). Holotype male with labels: “Senegal; Coll. Signoret.” and “*acutalis*; det. Signoret.” and “*Splonia*; *acutalis* n. sp.; Senegal”. This was the only specimen in the museum in Vienna.

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