Nomenclatural studies toward a World List of Diptera genus-group names.
Part VI: Daniel William Coquillett

NEAL L. EVENHUIS
J. Linsley Gressitt Center for Entomological Research, Bishop Museum, 1525 Bernice Street, Honolulu, Hawaii 96817-2704, USA.
E-mail: NealE@bishopmuseum.org

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Abstract

The Diptera genus-group names of Daniel William Coquillett are reviewed and annotated. A total of 136 available genus-group names in 53 families of Diptera are listed alphabetically, and for each name giving author, year and page of original publication, originally included species, type species and method of fixation, current status of the name, family placement, and a list of any emendations of it that have been found in the literature. Remarks are given to clarify nomenclatural or taxonomic information. In addition, an index to all the species-group names of Coquillett’s published works.

Name found to be unavailable: Philhelius Coquillett, 1910.
Name found not to be preoccupied: Petia Coquillett, 1910 [Tachinidae].

Corrections to and clarifications of type species designations are made for the following: Isostomyia Coquillett, 1906 [Culicidae]; Micraedes Coquillett, 1906 [Culicidae]; Roederiodes Coquillett, 1901 [Empididae]; Stilbometopa Coquillett, 1899 [Hippoboscidae]; Tinoaletes Coquillett, 1906 [Culicidae].

Previous First Reviser actions for multiple original spellings missed by previous workers include: Ateloglossa Coquillett, 1899 [Tachinidae]; Boreodromia Coquillett, 1903 [Brachystomatidae]; Mythicomyia Coquillett, 1893 [Mythicomyiidae].

The following are new synonymies of their respective senior synonyms: Acemyia Coquillett, 1897b under Acemya Robineau-Desvoidy, 1830, n. syn. [Tachinidae]; Clytiomyia Coquillett, 1897b under Clytiomya Rondani, 1861, n. syn. [Tachinidae]; Linnaemyia Coquillett, 1897b under Linnaemya Robineau-Desvoidy, 1830, n. syn. [Tachinidae]; Xanthogramma Schiner, 1860 under Philhelius Stephens, 1841, n. syn. [Syrphidae].

Using Reversal of Precedence (ICZN Code Art. 23.9), Scriptotricha Cockerell, 1889 [Tephritidae] is declared a nomen obligatum and Paracantha Coquillett, 1899f [Tephritidae] is declared a nomen protectum.
Introduction

Coquillett’s work encompassed a short 25 years, but in that time he proposed 136 genus-group names and 1,214 available species-group names in 53 families of Diptera. As one of the first native-born American dipterists, his work lays the foundation for the taxonomy of many Diptera families and it is thus important to better understand the names he proposed.

In this study, I review all genus-group names (available and unavailable) that Coquillett proposed. Genus-group entries are presented alphabetically and list all originally included species, type species, current status, and the emendations that I have been able to locate. A list of all species-group names of Diptera proposed by Coquillett is also given with date and page combinations that link to the original publication of these nominal species in his bibliography. Additionally, a full bibliography of all written works by Coquillett is given in an Appendix.

Biography

Coquillett’s name is found in most economic entomology textbooks referring to the person having been involved in helping save the citrus industry in California through his and Albert Koebele’s work with the predatory Vedalia ladybird beetle. The beetle was purposefully introduced from Australia to control the scale insect that was damaging many orange and other orchard crops. Although his work in entomology is fairly well-known, little is known of his personal life. This was most likely due to his quiet and private nature as described by his colleagues:

“Personally Mr. Coquillett was an ascetic. Rarely did he speak of his past, or home life, and only occasionally would he discuss with his associates matters of scientific interest”. (Banks et al. 1911: 199).

He was tall and lanky, and census registers describe him with gray eyes and brown hair. He had a rather long beard at the sides when he lived in California (Fig. 4) but cropped it short when he moved to Washington, D.C.

1. The information provided here is primarily an updating and expansion of Evenhuis (2017) but also derives from biographies by Banks et al. (1911) and Cresson (1911) as well as newspaper articles, and archival and genealogical research conducted. The information on the Dyar and Mitchell episode derives in large part from Epstein (2016).
Banks et al. (1911) indicated that his natural diffidence kept him from public speaking. Although he was President of the Entomological Society of Washington in 1904, he generally avoided attending meetings of the societies of which he was a member, and instead sent papers to be read by others [even a Presidential Address for the Entomological Society of Washington (Coquillett, 1904d) was read by the Recording Secretary due to his absence]. Some of those papers that were read and noticed in the minutes of some societies were never published and it could have been that his meekness caused him to fail to follow up with questions posed to him in order to get them into print. That shyness seems evident in the only known photo of him with fellow entomological staff of the U.S. National Museum (Fig. 9). Rather than show himself, he preferred to remain partially hidden in the back where only the top of his head is visible. He was a night-owl, often working at odd hours, and Banks et al. (1911) further said he was punctual, arriving at the office on time in the morning, working steadily till the closing hour, and “then was lost to his associates”.

His work in economic entomology is best known, but not much has been said concerning his taxonomic efforts. This is fairly surprising since, in Diptera taxonomy, Coquillett was a founder of sorts in his field. He and Samuel Wendell Williston (1851–1918) were the first American-born entomologists to be truly called “dipterists”, devoting the vast majority of their taxonomic papers to Diptera. Coquillett’s experience with and publications on the Diptera of the Western United States came from spending more than 10 years living in California and traveling throughout the state collecting Diptera. The significance of his publications to our knowledge of the Diptera of the region is bested only by the seminal work on western U.S. Diptera by Osten Sacken (1877). His early papers on Bombyliidae still comprise some of the only revisions of groups of bee flies from the Western United States and the keys, although more than 100 years old, still work well for most species encountered.

**Early years**

Daniel William Coquillett (born as “Coquillete” but he dropped the final “e” in his published works although documents show his legal name was still spelled as “Coquillette” at the time of his death) was born on 23 January 1856 in Franklinville, a small community outside of Woodstock, Illinois (Coquillett’s early publications have the byline as Woodstock when the family lived in Dorr Township). His father, a farmer, was Francis Marquis Lafayette Coquillette and his mother was a distant cousin of his father, Sarah Anne Cokelet (relatives spelled the surname either as “Coquillette”, “Cocalet”, or “Cokelet”). His great-great grandfather was François Marquis Lafayette Capet, a half-brother to King Louis XIV of France. The Capet family were well-to-do Huguenot’s living on their estate in La Rochelle on the coast in western France, but eventually had to flee the country in the late 1600s to avoid the Roman Catholic persecution at the time. The family changed their surname to Coquillette when they arrived in New Rochelle, New York and settled in New City near Rockland, New York. Coquillett’s father, Francis, was a blacksmith, operating the vocation with his brother, Daniel. After many years in New City, Francis moved to Illinois in 1851 where he and his family engaged in agriculture in Franklinville for a few years before moving to Dorr Township in late 1856 and operated a farm there until the fall of 1882.

Daniel William Coquillett (Figs. 1,3,4) was the seventh of nine siblings (six brothers and two sisters). All were either home-schooled or attended rural district schools. Coquillett was a quick learner and his schooling and self-education were enough to allow him to teach a few terms in a district school in McHenry County in 1876. During his childhood years helping his father on the Dorr farm, Coquillett expressed an early interest in entomology, collecting and rearing various insects, especially moths and butterflies. He used his lunch hours to rush to the nearby woods and collect caterpillars and kept them in boxes. He saved his money to buy books on entomology, but when he could not identify his creatures, he would send Lepidoptera to Augustus Radcliffe Grote (1841–1903) in Buffalo and Coleoptera to George Henry Horn (1840–1897) in Philadelphia, who helped provide identifications. In 1880, he published his first paper in the *Canadian Entomologist* “On the early stages of some moths” (Coquillett 1880: 43–46). His enthusiasm for entomology led to publishing many short notes in the weekly newspaper out of Philadelphia published every Saturday, *The Germantown Telegraph*, as well as the short-lived journal *Papilio*.

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2. The family history mentioned here derives primarily from one done by Daniel Coquillett’s brother, Benjamin Franklin Coquillette (Coquillette 1894). The digital copy online was scanned from the personal copy of Daniel Coquillett, in which he wrote on the flyleaf “Presented to Daniel W. Coquillette by his Parents”. It also contains a bookplate of the Boston Public library with a notation that it was given to them by “E.G. Mitchell” [= Evelyn Groesbeeck Mitchell], his long-time friend and colleague in mosquito studies.
His papers caught the attention of Illinois State entomologist Cyrus Thomas, whose encouragement and collaboration led Coquillett to become Assistant State Entomologist in Illinois and to publish more detailed articles on various insects for the tenth annual report of noxious and beneficial insects of Illinois (Thomas 1881). In conducting the research for this series of reports, Coquillett was at times assisted by his brother George Alonzo Coquillette, who helped with the rearing of some insects and supplying hibernating broods of others. Coquillett also wrote much of the Eleventh Report of the [Illinois] State Entomologist for Thomas published the following year (see Coquillett 1882).


FIGURE 5. Aerial view of Anaheim area circa 1876. Photo: Wikimedia Commons.
Unfortunately, in 1882 Coquillett became ill and was thought to possibly have incipient tuberculosis. There was no cure for tuberculosis at the time and physicians in the East were telling patients to go west and get fresh air and plenty of sunshine, thinking that would cure them. So, to bring Daniel to warmer, drier, sunnier climes to help improve his health, his father sold their farm and moved the whole family to the agricultural community of Anaheim in southern California, where they continued the farming they had done in Illinois.

The Anaheim region was founded in the 1850s by Germans who, by the 1870s, had turned the fertile southern California soil into what became at the time the state’s largest wine producing region (Fig. 5) with at its height some fifty wineries and 5,000 hectares of vineyards. The completion of the Southern Pacific Railroad connecting the other more eastern rails had just been completed allowing ease of travel from the East Coast and a resulting large influx of new residents to southern California. Unfortunately, Pierce’s disease in 1885 and 1886 wiped out the grape vines and farmers quickly changed crops to oranges and walnuts. According to the Coquillette family history (Coquillette 1894), Daniel Coquillett’s family were fruit farmers in California, but exactly what crop they maintained and harvested is unknown. Coquillett’s brother Abraham is listed as a vintner in the 1888 directory of California grape growers and wine makers (Wetmore 1888), so he apparently stayed on in California for a short period of time after his parents had left in 1886 (see below) before he too returned to Illinois.

**Life in California**

Daniel’s health quickly improved soon after the move to southern California and when not working in the orchards, he began to collect insects, mostly Diptera, and especially Bombyliidae. It is possible that because of the remarkably quick improvement in his health—he and his family arrived in southern California in the fall of 1882 and by the spring of the following year he had taken up some short-term contractual work in northern California—he may not have had tuberculosis, but instead something not nearly as serious. In any case, his health having improved and he having gained employment, Daniel stayed on in California even after his family moved back to Illinois in June 1886, this time to Marengo, a town not far from their previous farm. Coquillett remained with his family until they left as is shown in the by-lines of his papers indicating his residence as “Anaheim”. After 1886, he moved to Los Angeles and this was indicated as such in his papers, until his move to Washington, D.C.

In California, Coquillett had built up an extensive entomological library and continued correspondence with colleagues that he had begun while in Illinois. His many papers on economic insects and control methods over the years had attracted the attention of many. After starting work on Diptera taxonomy while still living with his parents in Anaheim, he soon was sent specimens from many people for identification. There were really only two active American-born workers on Diptera residing in the United States during the 1880s: Samuel Wendell Williston (1851–1918) and Coquillett. While preparing notes for his upcoming synopsis of the Diptera families and genera of North America (Williston 1888), Williston sent Coquillett some bee flies he had collected in Arizona, which Coquillett was able to append to his *Anthrax* “monograph” (Coquillett 1887c). Williston had obtained his PhD in paleontology at Yale College in 1885 and conducted post-doctoral studies there for a few years thereafter. The two were apparently exchanging specimens as Williston (1892) thanked “his friend” D.W. Coquillett for sending him specimens of a species of the syrphid *Criorhina*, which Williston described as new and named after Coquillett. Coquillett was also grateful for specimens given to him or for help that he received from correspondents, and would express his thanks by naming species after them. A quick scan of the names he gave to Diptera species show that most were named for Annie Trumbell Slosson (1836–1926), botanist, entomologist, author, and first woman member of the New York Entomological Society. Others were named for collectors or colleagues.

Away from the many institutions, libraries, and many entomological colleagues of the mid-western and eastern United States, Coquillett was forced to make do with what he could while residing in southern California. He therefore networked with many local naturalists, purchased necessary literature, subscribed to a few entomological journals, and acquired specimens on exchange. He also was a founding member and second vice president of the Southern California Academy of Sciences (founded as the Southern California Science Association in 1891) (Anonymous 1891) in Los Angeles and read papers on butterflies and other insects at their meetings (Splitter 1956). He maintained his membership after his move to Washington, D.C. as can be seen in one membership list from 1895 (Anonymous 1895b).

Many of his local contacts were agricultural contacts assisting his economic work, but others were companions on his various collecting trips throughout the southern parts of the state. One of these traveling companions was Charles Russell Orcutt (1864–1929) of San Diego. Orcutt was a botanist who edited his own journal, the *West
American Scientist, which was to be the medium for a number of Coquillett’s taxonomic papers in the first couple of years of the 1890s before he moved to Washington, D.C. Coquillett also sent insects to colleagues, including Abbé Léon Provancher (1820–1892) in Quebec, John LeConte (1818–1891) at Berkeley, California, and G.H. Horn in Philadelphia. Horn even traveled to meet Coquillett in May 1893 to examine his collection and discovered that Coquillett had collected males and females of an interesting meloid beetle, the alate males of which Horn identified as *Calospasta* LeConte, but which previously was known only from apterous females that Horn had described in the genus *Megetra* LeConte (Horn 1895: 438). Coquillett’s discovery of both sexes collected together allowed Horn to transfer his “*Megetra* opaca” to *Calospasta*.

Coquillett’s early papers were primarily on Bombyliidae, but also included Asilidae and related families. During his years in California, he amassed a substantial collection which can be seen in the eventual donations of thousands of specimens of it (including all of his types) to the U.S. National Museum over many years. Many of the localities where he collected were in and around the San Gabriel Mountains near Los Angeles. Coquillett did not provide much information of localities on the insect labels—usually only the city or county—but often supplemented that information in the publication itself with dates of collection, habits of the flies he collected, and sometimes flowers they visited. Coquillett’s personal collection was comprised primarily of his own collecting but also contained a number of specimens collected by others he obtained as gifts or exchanges. Some of the places he collected that are labeled simply as “Los Angeles” may well have been destroyed with the sprawling urbanization of the city. Remarkably, that was the reason one entomologist gave for the apparently quick demise of a population of the mosquito *Psorophora ciliata* (Fabricius) in 1899 that had been collected there by Coquillett only a few years earlier:

“A specimen is in the collection of the U.S. National Museum, taken by Mr. D.W. Coquillett in Los Angeles. I did not meet with the species [in 1899], and it is quite likely that the remarkable growth of the city has destroyed the breeding places since the time that Mr. Coquillett collected it there.” (Dyar 1907: 122).

**FIGURE 6.** Request in 1884 for specimens by Coquillett in the journal *Papilio*. NB: Coquillett’s residence of Anaheim is misspelled as “Andheim”.

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not yet sent a remittance for Vol. IV, are requested to do so promptly. 

EUGENE M. AARON.

**Wanted.**—Diptera (Bibionidae, Leptidæ, etc.) in exchange for other insects. Collections made in any Order at reasonable rates. Address, D. W. COQUILLET, Andheim, Los Angelos Co., Cal.

Entomological printing of every description.

Reference: *Papilio* and the American Ent.
He advertised in the early 1880s for exchange of specimens in issues of the short-lived journal *Papilio* (Fig. 6), where he interestingly desired Bibionidae and other families of Diptera that he never published on while in California. This may have been to help get a better idea of the variety of Diptera that existed where he lived by comparison of other forms or more likely to help put names to specimens of various families that he had been collecting. Although specializing in a few asiloid Diptera families and apparently collecting many other families, Coquillett’s collections included more than Diptera. In reporting on the condition of the U.S. National Museum in one of their annual reports, Howard (1898: 313) mentioned Coquillett’s donation of a large collection of “Coleoptera, Hymenoptera, Lepidoptera, and Orthoptera” from “south California”.

**Locusts**

In April 1883, through the recommendation of Cyrus Thomas (who was by that time working for the U.S. Department of Agriculture), Coquillett began an association with the State of California in economic entomology, staying as a guest of California State economic entomologist Matthew Cooke (1829–1887) in Sacramento, where he was said to be “stationed” for two or three months (Anonymous 1883)—it turned out to be four or more. During this time he helped Cooke work on two books: (1) a textbook of beneficial and injurious insects that was introduced into schools in the State (Cooke 1883a)—the work was popular enough to have gone to three editions within five years; and (2) a much larger book published the same year that was based just on injurious insects and their remedies (Cooke 1883b).

In early 1885, Charles Valentine Riley (1843–1895), the nation’s entomologist at the U.S. Department of Agriculture in Washington, D.C., received word that there was a grasshopper outbreak in the Central Valley of California that was plaguing crops. Riley needed someone there and Coquillett was his choice. Rather than spend funds to send out someone, he made Coquillett a field agent of the U.S.D.A. and Riley became Coquillett’s new supervisor. Coquillett’s first mission was to investigate the grasshopper outbreak and report back to Riley. After receiving a telegram from Riley on 1 June 1885 to head to Merced County to start his investigations, newspaper reports have Coquillett on the job on 5 June 1885 where he began his work in Atwater. His report, made just three months later and published in Coquillett (1886d), gives a summary of his study of the problem at one ranch in Atwater that had significant locust damage to trees and alfalfa. In the typical attention to detail that characterized Coquillett’s subsequent economic reports, he gave life histories and observations on all species encountered and details on remedies he witnessed and recommended. His recommendation of a poison mash to kill the locusts turned out to be extremely successful. This report was his first as a federal entomologist and set him on a course to become one of the renowned economic entomologists in the State of California.

**Vedalia Beetles and Cyanide**

Back in Washington, Coquillett’s supervisor C.V. Riley was constantly “putting out fires” of complaints of farmers, vintners, dairymen, etc. nationwide with regard to injurious insects causing damage to crops, trees, vines, and domestic animals. One particular set of complaints was coming from [no surprise] California (and had been for a few years). Riley was obviously impressed (or at least satisfied) enough with Coquillett’s locust report to send him on a new mission. Orange groves were being subjected to damage by the introduced cottony-cushion scale. Coquillett was to join forces with exploratory entomologist Albert Koebele and find a solution to the problem. Riley had theorized that going to the home of the scale (Australia, where it was not causing the unchecked damage that it was in California) might prove successful in finding what insect or other organism was keeping populations of the scale in check or possibly could help eradicate it. In late 1885, the two began work. But, due to the diametrically opposed personalities of the two men, trouble soon ensued. Koebele discredited Coquillett’s work and the two feuded over who was in charge. Coincidentally or not, funds for Coquillett’s position ran out in the summer of 1886 and his employment with the U.S. Department of Agriculture was terminated. He was re-employed the next year, but the short time in between federal paychecks proved a useful period for Coquillett.

Loss of employment with the federal government seemed not to deter the fervor Coquillett had for his work and, after meeting with two California agriculturalists who had begun the process, he began experiments with hydrocyanic-acid gas treatments for trees to rid them of scale insects. The gas was released under a tent covering a tree by mixing potassium cyanide with sulfuric acid\(^3\). The previous methodology using this gas took many hours

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3. This of course is the same concoction of chemicals prisons use for executing prisoners by lethal gas.
for each tree and the method of mixing the two chemicals caused the gas to kill parts of the trees. By conducting trials with different dosages and tent designs, Coquillett was able to reduce the treatment to 15 minutes per tree. However, one day while experimenting with this gas treatment, Coquillett almost met an unfortunate fate. California State Quarantine Officer Alexander Craw (1899) related the story of he and Mr. J.R. Wolfskill (the latter the owner of the groves in Los Angeles where Coquillett was working; Fig. 7) going out into the groves to see how Coquillett was doing and saw evidence that he had left in a hurry. They finally tracked him down in his apartment (only a block away from the orchard—see below) and found out he had come into contact with the gas and feared for his life. He vowed never to work with the gas again. They finally convinced him to wear a suit for safety while using the gas and he reluctantly went back to work. Coquillett’s work on the gas treatment was a tremendous success and was publicized throughout the world as the method for getting rid of pestiferous insects, especially scales, in orchards. Riley was disappointed that the U.S.D.A. would not get credit for this but that did not stop him from publicizing it in many reports and newspaper articles, which made it seem as though the gas treatment discovery was the result of the U.S.D.A.

FIGURE 7. The Wolfskill groves where Coquillett did his experimentation of hydrocyanic gas fumigation.

Back in the employ of Riley a few months later, Coquillett returned to work with Koebele to solve the scale problem. Koebele went to Australia to find insects that might control the scale, and Coquillett would be the experimenter who received the shipments, maintained the colonies, and reared them in cages to see which worked best. Various parasites and predators were shipped and tested in cages and in the field, but one in particular became world famous: the Vedalia ladybird beetle, *Rodolia cardinalis*, a ladybird beetle as conspicuous as the cottony-cushion scale on which it readily fed. The beetles multiplied rapidly, were easily transferred from grove to grove, and were voracious feeders. Within a year, the scale was virtually eliminated from the region and California’s citrus industry was saved.

And, thus, more trouble ensued for Coquillett. Friction between state and federal officials over credit for the success resulted in a number of attacks on Coquillett and the federal government that were printed in the local papers. Coquillett remained quiet and did not respond to most of the disparaging remarks and personal attacks. In 1893, Riley had endured enough of the bad press the U.S.D.A. was getting in California and, after communicating the situation to the Secretary of Agriculture, the latter recalled both Koebele and Coquillett to Washington to separate them from California officials. Coquillett wrote to the *Pacific Rural Press* and they posted the letter from the Secretary of Agriculture. In that newspaper piece, Coquillett much lamented his having to go:
“I regret very much the necessity that bids me leave this interesting field of labor where the principal work of my life thus far has been wrought, and where many pleasant friendships have been formed. My relations with the honest soil-tillers have been of the most agreeable kind, and I need hardly assure them that in whatever field I may be called upon to labor in the future, I carry with me the most pleasant remembrances of them and the good people of this peerless State—California.” (Anonymous 1893a: 264).

The reaction to the recall by growers in California was disappointment verging on outrage at State officials. The Pomological Society and Farmers’ Institute of Southern California at their joint 1893 convention in Ontario, California went so far as to sign the following resolution:

“Whereas, the action of the National Department of Agriculture in withdrawing the two entomologists stationed in California, namely Professor D.W. Coquillett at Los Angeles and Professor Albert Koebele at Alameda, is due solely to the hostile attitude of the State Board of Horticulture, and particularly its secretary and president, to the authorities at Washington by persistently libeling Professors C.V. Riley and D.W. Coquillett and by further seeking to secure the discharge of the former entomologist of the department;

Therefore, be it resolved by the Pomological Society and Farmers’ Institute of Southern California, in joint convention assembled, November 2 and 3, 1893, in the city of Ontario, that the said State Board of Horticulture in no way represents the fruit-growers in their attacks upon Professors Riley and Coquillett. To the contrary, this convention deeply regrets the course pursued by the said State Board of Horticulture and strongly condemns it for robbing the great industry of horticulture of valuable aid at Washington.” Anonymous (1893b: 2).

Despite the apologies from their grower friends, the recall was a done deal, but the reactions to the recall by the two field agents were quite different from one another. Koebele had had enough of Riley and Washington and took a job in Hawaii working as exploratory entomologist for the new provisional government there; and eventually for R.C.L. Perkins and the Hawaii Sugar Planters’ Association; and Coquillett, unsure of his future, moved to Washington to continue his employment with the U.S.D.A.

Only after he was “safely” back in D.C. did Coquillett respond to the newspaper attacks on him (Coquillett 1893i). Coquillett never returned to California, but during his stay there he had purchased land, which he apparently kept until his death. While working for the U.S.D.A., he resided at 236 Winston Street (a building of small apartments), a few blocks away from the main rail station near downtown Los Angeles. That location no doubt allowed him a convenient hub of operations when he needed to travel to the various places that Riley would send him, but it was also only a block away from the Wolfskill orange groves where he developed the procedure for hydrocyanic gas to fumigate orange trees and where he would test the Vedalia beetle.

A Troubled Marriage

After the recall to Washington, Coquillett continued his work on economic entomology as Assistant Entomologist, initially under the supervision of Riley and then, after Riley’s resignation in 1894, under Leland Ossian Howard (1857–1950). During his first few years, his publications on economic subjects were mixed with taxonomic work on Diptera. After a little more than two years in Washington, D.C., Howard in October 1895 appointed Coquillett as Honorary Custodian of Diptera at the United States National Museum.

Apparently having a secure source of employment figured into his personal life as four months later he got married. On 28 February 1896 Coquillett was betrothed to Anne Chew Dorsey (1860–1928), daughter of John Thomas Beale Dorsey (1821–1898), a Captain for the Confederate States during the U.S. Civil War and State Attorney and Chief Justice for Maryland, and Dorsey’s third wife, Katherine Murray Chew Mason (1828–1893), a great granddaughter of George Mason IV, a Virginia delegate to the first U.S. Constitutional Convention and considered one of the “Founding Fathers of the United States”. Anne was also distantly related to General Robert E. Lee and was a life-long member of the Stonewall Jackson chapter of the United Daughters of the Confederacy, publishing poems in their journals and writing a little-known work entitled “The Old Gray Coat”.

The Coquillets had no children and the marriage was a turbulent one that eventually led to a bitter divorce that was followed in the local newspapers; and, after Coquillett’s death in 1911, Anne even contested his will and claimed their divorce was not legal (both contests to no avail). Although the court upheld the legality of the 1910 divorce, her gravestone in an Alexandria, Virginia cemetery is inscribed as “Anne / wife of D.W. Coquillett / and daughter of / J.T.B. & K.C. Dorsey / 1860–1928”.

In February 1909, Coquillett’s wife Anne sued him for maintenance claiming he deserted her. Her suit (see
Anonymous 1909a) alleged that Coquillett had separated from her on 3 October 1905 because “he had irreparably injured a young lady” and desired to make the amends honorable. She claimed he said to her that he initiated a divorce in 1905 because of “certain complications arising from his acquaintance with a young woman” and that he felt obligated to marry her. However, that initial divorce was never finalized (but see below). Coquillett had given Anne $500 in 1905, but after she had run through that in nine months she appealed to the Secretary of Agriculture, who made an arrangement with Coquillett to give her $50 a month from Coquillett’s paycheck but it was not enough and she demanded more (NB: that may not seem like much, but his salary at the time was $150 a month). In her suit, she also claimed he was a man of great wealth [she assumed him to be worth $160,000 = ca. $1.2 million in 2017 dollars] stating that had property of great value in Los Angeles as well as property in Washington, D.C. and Marengo, Illinois, plus numerous investments and bank holdings. Local Washington, D.C. papers were immediately filled with headlines such as “Mrs. D.W. Coquillett Sues Entomologist”, “Desertion is Charged”, “Says Husband Gave as His Reason for Leaving Her That ‘He Had Irreparably Injured a Young Lady’”, and “Coquillett Suit to be Sensation” while labeling Coquillett as “a wealthy Governmental entomologist”. The court ordered Coquillett to pay his estranged wife $50 per month alimony pending the result of the court case and costs of the proceedings.

Coquillett’s counter to the court said that, in fact, his wife deserted him in October 1905 and he had not heard from her until the current court proceedings. He claimed she had persistently nagged and harassed him in their marriage, to which he endured as “pacifically as possible until she left him”. He further claimed that it was “utterly impossible to live with his wife and were he compelled to do so, it would result, he believes, in his mind becoming impaired.” (Anonymous 1909b). The matter was settled in late February 1910 where the court found for the plaintiff and awarded alimony, counsel fees and costs. The “injured” young lady to whom Coquillett felt obligated to marry was never named in any of the newspaper reports.

**Life and Work in Washington, D.C.**

Whatever personal difficulties Coquillett may have had, he did not bring his problems to work. With his new custodial posting in Washington, D.C., Coquillett’s agriculturally-related papers became fewer while his taxonomic papers increased. He still published on Bombyliidae (his first interest), but his Diptera work now spanned many different families. In all, Coquillett described almost 1,220 species of Diptera in 77 families during his lifetime; or about 51 species per year of work. There were complaints by some workers that his descriptions were sometimes too short or vague. The possible reason for this was pointed out by Cresson (1911), who conjectured that Coquillett’s attention to helping others with their identifications caused him to neglect his own work and, in order to do both, he resorted to writing short descriptions. There were hundreds of specimens of new species coming in to the museum that Coquillett possibly felt compelled to describe; and juggling the time needed to do both the describing of all the new species and simultaneously providing identifications for everyone resulted in him having to shorten his descriptions. A quick check of descriptions in the 1880s and 1890s compared with those made in the 1900s does indeed show more condensed descriptions in those later years and many more species described per paper than in the earlier years. Table 1 gives a summary of the numbers of new taxa described by Coquillett by year; table 2 gives a summary of the numbers of new taxa per family. In 26 years of publishing, he only failed to describe a new taxon in two years (1888 and 1911; the latter year he was in failing health). His proclivity in describing can be seen in Table 1 as clearly increasing shortly after his arrival in Washington, D.C. with the only anomaly being the year 1896, which was when he got married. He definitely tapered off in his descriptions and numbers of pages published after 1905 and this could also have been due to his health or a reaction to the time having to spend on court matters and resulting stress.

At the time Coquillett was working at the U.S. National Museum, the entomology collection was housed in what is now the Arts and Industries Building (Fig. 8) on the opposite site of the mall where the current natural history museum is located. The Diptera collection Coquillett was responsible for was in dire need of improvement and curation when he became Honorary Custodian on 8 October 1895\(^4\). The only type material it contained consisted primarily of material from Williston. From 1894 through 1905 Coquillett donated his personal collection,

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4. Some biographies and his gravestone have this date as 1896 but the honorary custodial appointment was recorded in the *Annual Report of the Smithsonian Institution* for 1896 as being 8 October 1895 and concurrent with honorary custodial appointments of W.H. Ashmead for Hymenoptera, E.A. Schwarz for coleopterous larvae, and O.F. Cook for Myriapoda (Anonymous 1898: 20).
including numerous type specimens of Bombyliidae and Asilidae. But this material was all from prior collecting. His collecting expeditions in the West were over and, aside from a short trip to Georgia in May 1895 to investigate watermelon fields, Coquillett rarely ventured out further than his office except on his way to and from home and work. He did not visit other collections, so the building of the collection was to be based on those personal collections made previously, specimens that were given to him or he obtained through exchange, and the continuous receipt of specimens from outside that were sent to the museum for identification or donated for preservation there. When Coquillett first started there were no other dipterists working with him and this was probably fine with him as he rarely “talked shop” with anyone and just diligently worked in his office describing new taxa and revising various groups. A photo taken of the staff about 1905 (Fig. 9) shows the staff there 10 years after his first year of employment and with H.G. Dyar and R.C. Shannon at that time as fellow (Dyar) and future (Shannon) dipterists. Only the top of the head of the shy and retiring Coquillett is visible at the back of the group.

**TABLE 1.** Species per year and per paper proposed by Coquillett.

<table>
<thead>
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<th>Year</th>
<th>Species</th>
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<th>Sp/paper</th>
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TABLE 2. Species per family proposed by Coquillett.

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Trouble with Townsend

After arriving in Washington, D.C., Coquillett published a number of small papers on various Diptera families, but his first major work was his revision of the Tachinidae (Coquillett 1897b). The 154-page revision capped almost a dozen years of work on the family, in which he described his first new taxon in 1889. His supervisor L.O. Howard wrote the forward to the work and explained its significance and importance due to the use of many tachinids in biological control. The first part of the monograph contained extensive lists of host and parasite data in this regard. And with that publication, the pattern continued: any success for Coquillett would soon be followed by trouble.

In this case, Coquillett’s work with tachinids caused him to run afoul of the temperamental and quixotic C.H.T. Townsend, also a worker on tachinids. Coquillett did not seek help from others and worked out everything himself, standing by his results. Coquillett was a “lumper” and considered that many taxa (genera and species) could be subject to variability; whereas Townsend was a “splitter” and created new taxa for even the slightest differences in characters. Much to the dismay of Townsend, many of his genera were synonymized by Coquillett (1897b) under existing older genera.
Townsend was a very unstable personality, and, seeing phantom enemies around every corner, viciously attacked Coquillett, but only after the latter had been deceased for more than ten years (Townsend 1925). Curiously writing in the third person, Townsend’s almost delusional ranting on his deceased colleague included false claims that Coquillett had “[a]t the first opportunity secured a transfer” to Washington, D.C.; and that he was “unsparing of his contempt of Townsend and his work, throwing into synonymy every genus and species that Townsend had described up to that time ...” (Townsend 1925). In fact, as we have seen, Coquillett did not secure the transfer at the first opportunity, but was instead recalled to Washington by Riley because of the bad blood that had festered between the California State Agriculture officials and U.S. Department of Agriculture field agents and supervisors. Coquillett’s revising the tachinids may have been his own decision, but it could also have been L.O. Howard who suggested the group since Townsend had not done anything on the group for some years after announcing in 1893 he was working on a revision of them. Whatever the case, bad blood would exist between Townsend and Coquillett. A more detailed account of Townsend’s aversion to Coquillett can be found in Evenhuis et al. (2015).

Trouble with Dyar

Coquillett was generally not one to pick a fight and rarely defended himself; he instead had champions at times to do that honor. With regard to Townsend, his champion was fellow entomologist William Randolph Walton (1873–1952), who was also attacked by Townsend (1913) with regard to a difference of opinion on tachinid taxonomy. Walton (1914) picked up the sword for Coquillett many years before the Townsend (1925) paper, defending Coquillett’s views on classification and taxonomy of tachinids and turned the tables on Townsend by publicizing the numerous deficiencies in Townsend’s own work. With regard to Coquillett’s mosquito works, Coquillett did defend himself against some criticisms by Dyar (Coquillett 1906g), but it was a young woman, Evelyn G. Mitchell, who would come to his defense against Dyar’s criticisms (and he would return the favor by defending her against Dyar’s attacks on her work).

Washington entomologist Harrison Gray Dyar (1866–1929) was apparently thin-skinned and, according to his biographer “best known for his feuds with colleagues and harsh critiques of their work” (Epstein 2016). For whatever reason, Dyar had some ongoing problems with Coquillett, enough so to remove him from the mosquito project they were working on before the first monograph was ever published. As part of the original team on the Carnegie Institution-supported Central American mosquito project, which began in 1903, Coquillett was charged with associating larvae with bred adults. Dyar apparently wanted to quickly publish on his larval classification and demanded Coquillett turn over his material and identifications at once. Coquillett was not yet finished and had question marks for some of his identifications, but he turned the material in to Dyar as requested. Dyar published his paper with Coquillett’s identifications (Dyar & Knab 1906a) but took the question marks off and then disparaged Coquillett’s identifications in print. Coquillett’s (1906g) criticism of Dyar’s paper, “Dr. Dyar’s square dealings”, explained what had actually transpired and essentially exposed the difficult working relationship he had with Dyar.

Evelyn [born “Evelenia”] Groesbeeck Mitchell (1879–1964) was employed from 1904 to 1912 as an illustrator during the production of the Central American mosquito project, all parts eventually authored by Dyar and Frederick Knab (1865–1918) [see Epstein (2016) for more details on Dyar, the project, and his relations with colleagues]. Mitchell had previously been a field assistant and artist to Louisiana Surgeon General and mosquito
worker Dr. James William Dupree. After his death, she attended George Washington University in Washington and received her Master’s Degree in 1906. After her contract illustrating and working with mosquitoes in Washington, D.C. was over, Mitchell went back to school and received a medical degree from Howard University. She was an advocate of women’s rights and a suffragette, but her career after the National Museum work was as a physician, surgeon, and psychiatrist in Washington, D.C., Philadelphia and Boston, eventually becoming a medical director at the Ring Sanitarium in the last city. She remained in the Boston area and died in Mattapan, Massachusetts in 1964.

While working as an illustrator in Washington, D.C. during the week, she would go home to her parents in New Jersey on weekends and do her writing there. While illustrating for the Central American mosquito project, she was also writing her popular book “Mosquito Life” (Mitchell 1907), which contained her illustrations and notes from her and Dupree’s work. In working as an illustrator in Washington, D.C., she was stationed in Coquillett’s office and worked closely with him on the illustrations for the Central American mosquitoes since Coquillett was initially part of the project. However, after Dyar removed him from the project, Coquillett continued to publish on Culicidae and still helped Mitchell with her illustrations.

Dyar was quick to provide a review of Mitchell’s book (Dyar 1908). At first, his words seemed full of praise, but then he alleged that the authorship should have been Coquillett and that the material she had worked on belonged to others, including the illustrations, which he contended belonged to the Central American mosquito project and the staff in Washington, D.C. However, it was his sarcastic remark that she was a “feminine Psorophora among the scientific Aedids of Washington” that got him into hot water. No shrinking violet [she had earlier responded harshly to S.W. Williston’s (1906) criticism of Coquillett’s mosquito classification in1 1906], Mitchell sued Dyar for libel, asking for $35,000 in damages. In the meantime, Coquillett came to her defense with a rare editorial (Coquillett 1908a) in which he told how Mitchell had been assigned to Dyar but after a few weeks she complained of intolerable working conditions and threatened to quit. Coquillett arranged for her to continue her illustrating by making room for her in his office. He then explained that the material she wrote was genuinely hers and that the illustrations were made from sketches she had made while in the employ of Dr. Dupree. He finished with a defense of Mitchell’s honesty: “The author’s well-known scientific probity should have precluded the possibility of any personal attack.”

In Mitchell’s (1908) reply to Dyar’s critical remarks, she defended Coquillett in saying he had no knowledge of her writings (they were written when she was in New Jersey) until they were ready to be sent to the publisher and took the high road in saying she was flattered he would think of her as a Psorophora since they are “large, beautiful, not a frequent nuisance, but an exterminator of common and pestiferous Aedids.”

It is apparent that Mitchell much preferred working with Coquillett than Dyar and, as Epstein (2016) indicated, by the time of her lawsuit, she and Coquillett had developed a good working relationship.

Later Years

Coquillett’s final major publications were in 1910. The magnus opus of that year was his catalog of types of North American Diptera, in which numerous subsequent type designations were proposed (Coquillett 1910c). It is still to this day a major reference work for dipterists. The only difficulty with that work is that Coquillett followed the minority of dipterists at the time in treating Meigen 1800 names having priority over those in Meigen (1803). This confusion of two schools of name usage arose after Hendel (1908) published his re-discovery of the Meigen (1800) pamphlet and urged dipterists to follow priority and use those names instead of the more commonly used Meigen (1803) names. In 1911, a few months before his death, Coquillett published a short note in The Canadian Entomologist on the Meigen 1800 names (Coquillett 1911) where he lamented the ICZN ruling that the work was published in the sense of the Code (I.C.Z.N. 1910), expressing frustration that the Commission failed to rule on the names but could only rule on the work itself. This 1911 paper was to be the last he personally submitted for publication6 and it is somehow harmonious that his first and last entomological paper he submitted to an entomological journal should be in The Canadian Entomologist.

In the fall of 1910, Coquillett’s health began to suffer. After a few months of steady decline, he was concerned

6. A paper was published posthumously, 1924, in the Proceedings of the Entomological Society of Washington (Coquillett, 1924), but was submitted by J.M. Aldrich based on a manuscript Coquillett sent abroad in 1909 but had never published.
enough that he drafted a will on 25 June 1911. He decided to go to Atlantic City, which was well-known as a health resort, hoping that venue might help improve his situation. The sea spray and drier climes near the beach were touted as being rejuvenating and calming. It is not known exactly where Coquillett stayed while there, but a witness to his will, C. Hilliard Gale, resided at 208 Melrose Avenue in Atlantic City and he may well have gone there (T. Carpenter, pers. comm. 2017). On Saturday 8 July he passed away. One newspaper notice of his death said he had died of “heart disease brought on by prolonged anxiety” (Anonymous 1911a). Daniel William Coquillett was interred next to his parents at the Coquillette family plot in Marengo, Illinois. His gravestone (Fig. 10) reads “Daniel W. Coquillett / Jan. 23, 1856 July 8, 1911 / 1st Asst. U.S. Entomologist 1896 – 1911”.


Despite the turmoil he endured from his few attackers in life, Coquillett was praised by his colleagues in death:

“Quiet and unassuming, he sought no help from others, but always worked out everything for himself, and abided by that result. Among the younger entomologists and collectors he was popular from the fact that he was prompt in describing new species in the collections made by them and referred to him for determination, thus encouraging them in making further collections and kind to others, he willingly neglected his own work to help them in the identification of Diptera, and his loss in this respect leaves a serious gap in American Entomology” (Banks et al. 1911: 199).
Although preferring solitude, he maintained memberships in many professional societies until his passing including the Washington Academy of Sciences (a charter member), the Entomological Society of Washington (twice its president, 1903, 1904), the Association of Economic Entomologists, the Entomological Society of America (an elected Fellow), the Brooklyn Entomological Society, and the American Association for the Advancement of Science (Anonymous 1911b, Wade 1936).

**Note on Nomenclatural Habits**

In cataloging the genus-group names of Coquillett, I noticed a pattern regarding his orthography of names. Early in his career, Coquillett would spell names as he found them in the literature available to him (while in California, this was unfortunately limited). These papers and books sometimes did not include the original literature, so he would be forced to rely on the accuracy of the orthography of names in the subsequent literature. This led to incorrect subsequent spellings of names (for example, the “-mya” names of Robineau-Desvoidy being spelled as “-myia”). However, when he finally obtained the original literature, he used the correct original spelling.

He was particularly diligent about recording these names in their original orthography despite cases of their incorrect Latinizations. In later papers, in a list of synonyms, the correct original spelling was used, but in the narrative, Coquillett would use the “correct” Latinization or his “emended” orthography. In these cases, because some names were considered as junior synonyms by Coquillett, one might argue that he did not “adopt” the corrected spelling since a name he treated as a junior synonym was not “adopted” by him as the valid taxonomic name. However, it is clear that he made a purposeful correction when he used the corrected spelling in the narrative and does so consistently in his works. Thus, I here treat these cases as emendations when the requirements of the Code for such are met.

**Collections**

Coquillet kept his early types in his personal collection, but upon employment in Washington, D.C., donated all of his collection including types to the U.S. National Museum in Washington, D.C. After 1895, Coquillet was particularly punctilious about giving the USNM type numbers for his new species in his publications as an aid in the tracking of them. Types exist in other museums if they derived from borrowed material or material designated to be deposited elsewhere than the U.S. National Museum (e.g., some material from C.W. Johnson are in MCZ).

Previous workers who have studied types or have published remarks on the Coquillett material include the following (not intended to be exhaustive list): Arnaud (1963; Tachinidae in AMNH), Barber (1985; Pseudodinia), Bilyj (1985; Tanypus pallens), Bush (1965; Zomosemata), Chandler (1981; Epicypta), Cole (1922; Therevidae), Crosskey (1967; Oriental Tachinidae), Foote (1960; North American Trupanea), Frick (1957; New World Agromyzidae), Hall (1981; Paravilla), Gagné (1986; Prodiplosis), Gaimari (2012; Chamaemyiidae), Grogan & With (1975; Clinochelea), Hall & Evenhuis (1980, 1981, 1982, 1984, 1986, 1987, 2004; Nearctic Bombyliidae), Hull (1962; Astilidae; 1973; Bombyliidae), Jenkins & Turner (1989; Tephritidae), Johnson & Johnson (1959; Bombyliidae), Knutson et al. (1985; Sciomyzidae), Mathis & Zatwarnicki (2013; Hydrochasma), Melander (1918; Drapetis), O’Hara (2012; Euthera), Miller (1976; Homoneura), Painter (1940; Nearctic Bombyliidae), Roback (1971; Nearctic Tanyopodinae), Sabrosky (1950; Chaetochlorops, Eugaurax; 1959; Odinia; 1981; Euvelatoria, discussion of type numbering and USNM type ledger), Silva (2011; Chironomidae in MCZ), Sinclair (2008; New World Clinocera), Steffan (1965; Sciara tritici, 1968; Eugnoriste occidentalis; 1977, 1980; Toxorhynchites), Steyskal (1963; Traginops), Stone & Knight (1955, 1956, 1957a, 1957b; Culicidae), Sublette (1966; Chironomidae in USNM), Vockeroth (1990; Platycheirus), Wirth & Jones (1957; Culicoides), Wood (1985; Blondeliini).

**Context of the catalog**

Since 1984, the Diptera community has been working towards a unified, shared, authoritative resource for names of Diptera, the *Systema Dipterorum* [formerly Biosystematic Database of World Diptera] (see http://www.diptera.org/), which is now close to having completed the harvest of all names from the major primary and
secondary sources (for a brief overview and history, see Evenhuis et al., 2010a). The family-group names of Diptera were completed by Sabrosky (1999). The next step is publication of a fully peer-reviewed World List of Diptera Genus-Group Names. The present study represents the sixth installment in a series of planned “Nomenclatural Studies Toward a World List of Diptera Genus-Group Names”. While the ultimate goal is a complete World List of Diptera Genus-Group Names, the presently planned series of papers is targeted at a subset of these names, i.e., those proposed by some of the most productive early authors. The following are those for whom work has begun or has been published: A.J.-B. Robineau-Desvoidy (Evenhuis et al., 2010), C. Rondani (O’Hara et al., 2011), C.R.W. Wiedemann (Evenhuis & Pont, 2013), C.H.T. Townsend (Evenhuis et al., 2015), P.-J.-M. Macquart (Evenhuis et al. 2016); J.W. Meigen (Evenhuis & Pape, in preparation), G. Enderlein, and H. Loew.

Format of Catalog

The list of genus-group names below presents all names proposed by Coquillett and those names or spellings attributed to Coquillett that were found during the preparation of this paper. The format follows that used by Evenhuis et al. (2015) and the explanation of the format given here is reproduced from that work with little change.

Heading: All nomenclaturally available genus-group names are numbered. Of those, names that are taxonomically valid are placed in boldface. All taxonomically invalid names (junior synonyms, junior homonyms, unjustified emendations) are presented in italics. Nomenclaturally unavailable names (incorrect spellings, nomina nuda) are placed in square brackets [] and are unnumbered. The date and page for the first appearance of the published name is given for all names and its full citation can be found in the references. Secondary proposals of genus-group names or subsequent publications of emendations and incorrect subsequent spellings are given in square brackets after the date and page of its first appearance.

Originally Included Species: A full list of originally included species is given with original combination, author and date (including names proposed in synonymy), all of which are essential in determining valid typifications of genus-group names.

Type Species: The type species is listed in its original combination and orthography and with its form of typification. If it is currently considered a junior synonym (or an invalid senior synonym) of another nominal species, then the name of the latter species is given in square brackets.

Current Status: Current status follows the most recent world or regional catalogs for various families as well as the latest revisionary work(s) for that particular genus-group name if superseding a previously published catalog treatment. For cases of unavailable names (i.e., those names that by definition do not enter into nomenclature or synonymy) I use the phrase “treated under” to indicate the current placement of the name.

Family: Family assignment follows the family standards of the Systema Dipterorum (Pape & Thompson, 2013).

Remarks: Genus-group names or typifications needing further clarification or presenting nomenclatural or taxonomic problems are annotated. For all cases of multiple original spellings of a genus-group name, the First Reviser to have selected one of them as the correct original spelling is indicated.

Emendations: All known emendations of each genus-group name are listed with an indication of their justification in parenthesis. This list is probably not exhaustive, but presents those emendations that have been previously recorded or have been found during this study and appear as new synonyms. The ICZN Code Article 33.2 states that emendations are “Any demonstrably intentional change in the original spelling of a name other than a mandatory change” and three criteria are given in Article 33.2.1 that can each be used independently of the other two criteria in determining what is considered “demonstrably intentional”: 1. “when in the work itself or in an author’s (or publisher’s) corrigenda, there is an explicit statement of intention”; or 2. “when both the original and the changed spelling are cited and the latter is adopted in place of the former”; or 3. “when two or more names in the same work are treated in a similar way”. I interpret “treated in a similar way” to mean any similarity (as perceived by me and explained for new synonymies) in spelling changes between two or more names irrespective of other changes that may also have been made to those names. Only those spellings where an identical spelling has not previously been published, and subsequent usage of that spelling therefore is not possible, are considered eligible as emendations by way of a similar treatment. This requirement of being a new (i.e., first) spelling change would pertain to both (or all) names that are “treated in a similar way”, but I have not made an exhaustive search
for any previous use of a similarly changed spelling for the other name(s) involved when these are not Coquillett names, as this would have been prohibitively time consuming.

Few workers have realized the significance of criterion 3, since this can include names that may previously have been recognized as incorrect subsequent spellings. However, if there are two or more names in the same work that are “treated in a similar way” they will both (or all) become emendations [i.e., available names]. Incidentally, it should be noted that the ICZN Code does not specify that these “two or more names” necessarily have to be of the same rank. As a result, there are no doubt numerous uncataloged emendations in published papers of what were previously thought to be merely incorrect subsequent spellings that have escaped notice. Also, it may not be possible to distinguish between a newly proposed emendation by means of criterion 3 and an acceptance of an earlier emendation or the usage of an incorrect subsequent spelling. I have chosen to consider the earliest cases of such emendations through similar treatment as separate emendations; later homonymous changed spellings that fit criterion 3 whether by the same author or others are here considered subsequent usages (i.e., incorrect subsequent spellings) as they essentially fit ICZN Code Article 33.5. For the present work I have listed homonymous emendations if they have appeared in the literature irrespective of the criterion under which they qualify as emendations. Two additional issues relating to this are that an incorrect original spelling fixed by a First Reviser cannot become an emendation; and that it is possible for an incorrect subsequent spelling to become an emendation by criterion 1 or 2 but not by criterion 3. Those earliest discovered emendations that are indicated here as “new synonymies” are junior synonyms of the current valid genus-group name given above it in the CURRENT STATUS line. I have not made an extensive search for unpublished emendations by the next authors in our nomenclatural studies series (e.g., Enderlein, and Loew), as these will be thoroughly dealt with in those studies. An explanation of the justification of each emendation made by workers other than Coquillett and listed as “n. syn.” [= new synonymy] is given in Appendix I.

Synonymies: I understand that emendations are orthographic variants at the time of their proposal and will automatically be synonyms of the names they intend to emend, so as synonyms they cannot be “new”. I prefer instead to list each newly discovered unjustified emendation as a “new synonymy”, following the ICZN Code Glossary definition (2) of synonymy as “A list of synonyms”. I use the “new synonymy” as a tag to notify our readers and relevant abstracting services of those cases where an available name that has not previously been documented as such is newly recognized as being part of such a list.

A summary list at the end of the genus-group name catalog gives a breakdown of the genus-group names proposed by Coquillett by family and maintains the same formatting of boldface, italics, etc. to indicate nomenclatural and taxonomic status.

Abbreviations: I abbreviate the International Commission on Zoological Nomenclature as “I.C.Z.N.” for literature references in the catalog. To further differentiate, I use “ICZN Code” to refer to the “International Code of Zoological Nomenclature (1999)” and “ICZN Commission” to refer to the actual Commission.

Catalog of the Diptera Genus-Group Names of Daniel William Coquillett

[Acemyia] Coquillett, 1895m: 311.  
CURRENT STATUS: Incorrect subsequent spelling of Acemya Robineau-Desvoidy, 1830 or subsequent usage of Acemya Macquart, 1834.  
FAMILY: TACHINIDAE.  
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Acemya Robineau-Desvoidy, 1830 that I have found in the study using the spelling “Acemyia” is Acemya Macquart (1834: 131) as an unjustified emendation [teste Evenhuis et al. (2016: 25)].

1. Acemyia Coquillett, 1897b: 115.  
CURRENT STATUS: Unjustified emendation of Acemya Robineau-Desvoidy, 1830; junior synonym of Acemya Robineau-Desvoidy, 1830. New synonymy.  
FAMILY: TACHINIDAE.  
REMARKS: Name made available by virtue of the original and changed spellings appearing together in the same work and the changed spelling adopted.
2. *Achaetomus* Coquillett, 1907a: 75.
 Originally included species: *Achaetomus pilosus* Coquillett, 1907a.
 Type species: *Achaetomus pilosus* Coquillett, 1907a [= *Helomyza tincta* Walker, 1849b], by original designation.
 Current status: Junior synonym of *Scoliocentra* Loew, 1862a [*test* Poole (1996: 172)].
 Family: HELEOMYZIDAE.

 Originally included species: *Acicephala polita* Coquillett, 1898f; *Acicephala pilosella* Coquillett, 1898f.
 Type species: *Acicephala polita* Coquillett, 1898f, by original designation.
 Current status: Valid subgenus of *Cordilura* Fallén, 1810 [*test* Huckett & Vockeroth (1965: 828)].
 Family: SCATHOPHAGIDAE.

 Current status: Incorrect subsequent spelling of *Oecothea* Haliday in Curtis, 1837 or subsequent usage of *Aecothea* Haliday, 1838.
 Family: HELEOMYZIDAE.
 Remarks: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of *Oecothea* Haliday in Curtis, 1837 that I have found in this study using the spelling “Aecothea” is *Aecothea* Haliday (1838: 187) as an unjustified emendation [*test* Thompson & Mathis (1980: 86)].

4. *Aldrichia* Coquillett, 1894a: 93.
 Originally included species: *Aldrichia ehrmanii* Coquillett, 1894a.
 Type species: *Aldrichia ehrmanii* Coquillett, 1894a, by monotypy.
 Current status: Valid genus [*test* Evenhuis & Greathead (1999: 189)].
 Family: BOMBYLIIDAE.

5. *Amphicosmus* Coquillett, 1891b: 3(219).
 Originally included species: *Amphicosmus elegans* Coquillett, 1891b.
 Type species: *Amphicosmus elegans* Coquillett, 1891b, by monotypy.
 Current status: Valid genus [*test* Evenhuis & Greathead (1999: 283)].
 Family: BOMBYLIIDAE.

 Originally included species: *Apinops atra* Coquillett, 1897b.
 Type species: *Apinops atra* Coquillett, 1897b, by original designation.
 Current status: Junior synonym of *Besseria* Robineau-Desvoidy, 1830 [*test* O’Hara & Wood (2004: 213)].
 Family: TACHINIDAE.

7. *Apocephalus* Coquillett, 1901e: 501
 Originally included species: *Apocephalus pergandei* Coquillett, 1901e.
 Type species: *Apocephalus pergandei* Coquillett, 1901e, by original designation.
 Current status: Valid genus [*test* Brown & LeBrun (2010: 2)].
 Family: PHORIDAE.

 Originally included species: *Apomidas trochilus* Coquillett, 1892f.
 Type species: *Apomidas trochilus* Coquillett, 1892f, by monotypy.
 Current status: Junior synonym of *Rhaphiomidas* Osten Sacken, 1877 [*test* Poole (1996: 52)].
 Family: MYDIDAE.
[Aporomyia] Coquillett, 1897b: 95.
CURRENT STATUS: Incorrect subsequent spelling of Aporomyia Robineau-Desvoidy, 1830 or subsequent usage of Aporomyia Schiner, 1861.
FAMILY: TACHINIDAE.
REMARKS: Although this name could be seen as being available as an emendation by virtue of similar spelling changes in the same work from “mya” to “myia”, the earliest mention of Aporomyia Robineau-Desvoidy, 1830 that I have found in this study using the spelling “Aporomyia” is Aporomyia Schiner (1861: 457) as an unjustified emendation [teste O’Hara et al. 2011: 33]).

9. Arctobiella Coquillett, 1902f: 188.
ORIGINALLY INCLUDED SPECIES: Arctobiella obscura Coquillett, 1902f.
TYPE SPECIES: Arctobiella obscura Coquillett, 1902f, by original designation.
CURRENT STATUS: Junior synonym of Dasiops Rondani, 1856 [teste Poole (1996: 176)].
FAMILY: LONCHAEIDAE.

CURRENT STATUS: Incorrect subsequent spelling of Argyromoeba Schiner, 1860 or subsequent usage of Argyromoeba Loew, 1869.
FAMILY: BOMBYLIIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Argyromoeba Schiner, 1860 that I have found in this study using the spelling “Argyroamoeba” is Argyromoeba Loew (1869: 228) as an unjustified emendation [teste Evenhuis & Greathead (1999: 322)].

CURRENT STATUS: Incorrect subsequent spelling of Argyromoeba Schiner, 1860.
FAMILY: BOMBYLIIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

10. Aspidoptera Coquillett, 1899i: 334.
ORIGINALLY INCLUDED SPECIES: Aspidoptera busckii Coquillett, 1899i.
TYPE SPECIES: Aspidoptera busckii Coquillett, 1899i, by original designation.
CURRENT STATUS: Valid genus [teste Dick et al. (2016: 790)].
FAMILY: HIPPOBOSCIDAE.

11. Atelloglossa Coquillett, 1899g: 219, 269 [index].
ORIGINALLY INCLUDED SPECIES: Atelloglossa cinerea Coquillett, 1899g.
TYPE SPECIES: Atelloglossa cinerea Coquillett, 1899g, by monotypy.
FAMILY: TACHINIDAE.
REMARKS: There are two original spellings of this nominal genus in this work: Atellogossa (page 219) and Atelloglossa (page 269; the index to the journal). By subsequent usage by the same author (ICZN Code Art. 24.2.4), Coquillett (1910c: 511) acted as First Reviser and chose Atelloglossa as the correct original spelling; Sabrosky & Arnaud (1965: 986) also chose Atelloglossa as the correct original spelling, but this was later.

[Atellogossa] Coquillett, 1899g: 219
CURRENT STATUS: Incorrect original spelling of Atelloglossa [teste Coquillett (1910c: 511)].
FAMILY: TACHINIDAE.
CURRENT STATUS: Incorrect spelling of Barpleygma Wulp, 1899.
FAMILY: TEPHRITIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

CURRENT STATUS: Incorrect spelling of Baumhaueria Meigen, 1838 or subsequent usage of Baumhauria by Burgess (1872).
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Baumhaueria Meigen, 1838 that I have found in this study using the spelling “Baumhauria” is by Burgess (1872: 123) as an incorrect subsequent spelling [teste this study].

ORIGINALLY INCLUDED SPECIES: Bibiodes halteralis Coquillett, 1904h.
TYPE SPECIES: Bibiodes halteralis Coquillett, 1904h, by original designation.
CURRENT STATUS: Valid genus [teste Skartveit & Nel (2017: 75)].
FAMILY: BIBIONIDAE.

CURRENT STATUS: Incorrect subsequent spelling of Bibiodes Coquillett, 1904h.
FAMILY: BIBIONIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Bigonichaeta] Coquillett, 1897b: 56.
CURRENT STATUS: Incorrect subsequent spelling of Bigonicheta Rondani, 1845 or subsequent usage of Bigonichaeta Schiner, 1864.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Bigonicheta Rondani, 1845 that I have found in this study using the spelling “Bigonichaeta” is Bigonichaeta Schiner, 1864 as an unjustified emendation [teste O'Hara et al. (2011: 36)].

CURRENT STATUS: Unjustified emendation of Biomya Rondani, 1856; junior synonym of Zaira Robineau-Desvoidy, 1830 [teste O'Hara & Wood (2004: 111)].
FAMILY: TACHINIDAE.
REMARKS: Name made available by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted.

[Blepharoptera] Coquillett, 1900i: 457 [1904i: 71].
CURRENT STATUS: Incorrect subsequent spelling of Blephariptera Macquart, 1835 or subsequent usage of Blepharoptera Agassiz, 1846.
FAMILY: HELEOMYZIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Blephariptera Macquart, 1835 that I have found in this study using the spelling “Blepharoptera” is Blepharoptera Agassiz, 1846 as an unjustified emendation [teste Evenhuis et al. (2016: 35)].
ORIGINALLY INCLUDED SPECIES: Synanphoea bicolor Loew, 1863.
TYPE SPECIES: Synanphoea bicolor Loew, 1863, by original designation.
CURRENT STATUS: Valid genus [teste Sinclair (2008: 52)].
FAMILY: BRACHYSTOMATIDAE.
REMARKS: There are two original spellings of this nominal genus in this work: Boreodromia pages, 247, 260) and Boreomyia (page 264). By subsequent usage of the same author (ICZN Code Art. 24.2.4), Coquillett (1910c: 515) acted as First Reviser and chose Boreodromia as the correct original spelling of this nominal genus.

ORIGINALLY INCLUDED SPECIES: Diastata vagans Loew, 1864; Diastata adusta Meigen, 1830.
TYPE SPECIES: Diastata adusta Meigen, 1830, automatic [the same species by subsequent designation for Trichoptera Liy, 1864 by Coquillett (1910c: 616)].
FAMILY: DIASTATIDAE.
REMARKS: In proposing the replacement name Calopterella for the preoccupied Trichoptera Liy, 1864, Coquillett (1910c: 517; Calopterella mislabeled as “new genus”, but it was obviously meant to replace Trichoptera Liy, which is clearly indicated as “preoccupied”) designated Diastata vagans Loew, 1864 as its type species. At the time of Coquillett’s (1910c) work, Trichoptera Liy was without a type species, so a type fixation was needed from the two originally included species. In the same work, but further on alphabetically under the entry for Trichoptera Liy, 1864, Coquillett (1910c: 616) indicated Calopterella was a new replacement name for Trichoptera Liy, 1864 and designated Diastata adusta Meigen, 1830 as the type species for Calopterella. Thus, there are two type species for the same generic concept. Fortunately, Diastata vagans Loew, 1864 [December] was described subsequent to (and was not one of the two species originally included in)
Trichoptera by Lioy (1864 [22 June]) [which were Diastata adusta Meigen, 1830 and Diastata claripennis Macquart, 1835], so Diastata vagans Loew, 1864 is an invalid designation on page 517. The type species for both Calopterella Coquillett, 1910c and Trichoptera Lioy, 1864 is thus Diastata adusta Meigen, 1830. Mathis & Barraclough (2011: 243) interpreted Coquillett’s Calopterella on page 517 as a proposal of a new genus (not a new replacement name), acted as First Revisers, and chose the nomenclatural act of Calopterella (page 517) over Calopterella (page 616). However, since Coquillett was replacing Trichoptera Lioy, 1864, which was clearly marked as preoccupied, their First Reviser action is invalid as the type fixation of Diastata vagans Loew, 1864 on page 517 because it a species that was not originally included in Lioy (1864).

CURRENT STATUS: Incorrect subsequent spelling of Carphotricha Loew, 1862c.
FAMILY: TEPHRITIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Cassidomyia] Coquillett, 1890: 234.
CURRENT STATUS: Incorrect subsequent spelling of Cassidaemyia Macquart, 1835 or subsequent usage of Cassidomyia by Packard (1869).
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Cassidaemyia Macquart, 1835 that I have found in this study using the spelling “Cassidomyia” is by Packard (1869: 408) as an incorrect subsequent spelling [teste this study].

ORIGINALLY INCLUDED SPECIES: Celatoria crawii Coquillett, 1890.
TYPE SPECIES: Celatoria crawii Coquillett, 1890 [= Tachina diabrotica Shimer, 1871], by original designation.
FAMILY: TACHINIDAE.

CURRENT STATUS: Incorrect subsequent spelling of Centrocerca Pokorny, 1893.
FAMILY: MUSCIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

18. Ceratobarys Coquillett, 1898d: 45.
ORIGINALLY INCLUDED SPECIES: Hippelates eulophus Loew, 1872.
TYPE SPECIES: Hippelates eulophus Loew, 1872, by monotypy.
CURRENT STATUS: Junior synonym of Elachiptera Macquart, 1835 [teste Nartshuk & Tschirnhaus (2012: 47)].
FAMILY: CHLOROPIDAE.

CURRENT STATUS: Incorrect subsequent spelling of Keroplatus Bosc, 1792 or subsequent usage of “Ceroplatus” by Fabricius (1798).
FAMILY: KEROPLATIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Keroplatus Bosc, 1792 that I have found in this study using the spelling ‘Ceroplatus’ is by Fabricius (1798: 550) as an incorrect subsequent spelling.
ORIGINALY INCLUDED SPECIES: Chaetoclusia bakeri Coquillett, 1904f.
TYPE SPECIES: Chaetoclusia bakeri Coquillett, 1904f, by original designation.
FAMILY: CLUSIIDAE.

[Chaetolyga] Coquillett, 1897b: 124, 125 [1902c: 115].
CURRENT STATUS: Incorrect subsequent spelling of Chetoliga Rondani, 1856 or subsequent usage of Chaetolyga Brauer, 1880.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Chetoliga Rondani, 1856 that I have found in this study using the spelling “Chaetolyga” is Chaetolyga Brauer, 1880 as an unjustified emendation [teste Evenhuis et al. (2015: 72)].

ORIGINALY INCLUDED SPECIES: Chaetophleps setosa Coquillett, 1895h.
TYPE SPECIES: Chaetophleps setosa Coquillett, 1895h, by original designation.
CURRENT STATUS: Junior synonym of Celatoria Coquillett, 1890 [teste O’Hara & Wood (2004: 81)].
FAMILY: TACHINIDAE.

ORIGINALY INCLUDED SPECIES: Chaetoplagia atripennis Coquillett, 1895i.
TYPE SPECIES: Chaetoplagia atripennis Coquillett, 1895i, by original designation.
FAMILY: TACHINIDAE.

ORIGINALY INCLUDED SPECIES: Cordilura punctipes Meigen, 1826 (as “Cordylura”)
TYPE SPECIES: Cordilura punctipes Meigen, 1826 (as “Cordylura”), by original designation.
CURRENT STATUS: Valid genus [teste Poole (1996: 232)].
FAMILY: SCATHOPHAGIDAE.

[Chilosia] Coquillett, 1900i: 426 [1904i: 40].
CURRENT STATUS: Incorrect subsequent spelling of Cheilosia Meigen, 1822 or subsequent usage of Chilosia Agassiz, 1846.
FAMILY: SYRPHIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Cheilosia Meigen, 1822 that I have found in this study using the spelling “Chilosia” is Chilosia Agassiz, 1846, as an unjustified emendation [teste this work].

[Chrysochlamys] Coquillett, 1898i: 327.
CURRENT STATUS: Incorrect subsequent spelling of Chrysoclamis Walker, 1851 or subsequent usage of Chrysochlamys Rondani, 1856.
FAMILY: SYRPHIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Chrysoclamis Walker, 1851 I have found in this study using the spelling “Chrysochlamys” is Chrysochlamys Rondani, 1856 as an unjustified emendation [teste O’Hara et al. (2011: 59)].
[Chrysomyia] Coquillett, 1900f: 255 [1901k: 375].
CURRENT STATUS: Incorrect subsequent spelling of Chrysomya Robineau-Desvoidy, 1830 or subsequent usage of Chrysomyia Macquart, 1835.
FAMILY: CALLIPHORIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Chrysomya Robineau-Desvoidy, 1830 that I have found in this study using the spelling “Chrysomyia” is Chrysomya Macquart, 1835: 251 as an unjustified emendation [teste Evenhuis et al. (2016: 44)].

CURRENT STATUS: Incorrect subsequent spelling of Chrysopilus Macquart, 1826 or subsequent usage of Chrysopila Rondani, 1844.
FAMILY: RHAGIONIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Chrysopilus Macquart, 1826 that I have found in this study using the spelling “Chrysopila” is Chrysopila Rondani, 1844 as an unjustified emendation [teste O’Hara et al. 2011: 60)].

23. Cladochaeta Coquillett, 1900f: 263.
ORIGINALLY INCLUDED SPECIES: Cladochaeta nebulosa Coquillett, 1900f.
TYPE SPECIES: Cladochaeta nebulosa Coquillett, 1900f, by original designation.
CURRENT STATUS: Valid genus [teste Brake & Bächli (2009: 20)].
FAMILY: DROSOPHILIDAE.

FAMILY: CLUSIIDAE.
REMARKS: In order to conserve the current usage of Clusiodes Coquillett, 1904, application was made to the ICZN Commission to designate Heteroneura albimana as type species [see Lonsdale (2009) for details]. The ICZN subsequently voted to approve the request (I.C.Z.N. (2010: 344 [Opinion 2262]).

[Clytiomyia] Coquillett, 1895h: 52.
CURRENT STATUS: Incorrect subsequent spelling of Clytiomya Rondani, 1861 or subsequent usage of Clytiomyia Rondani, 1862.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Clytiomya Rondani, 1861 using the spelling “Clytiomyia” is Clytiomya Rondani, 1862 as an unjustified emendation [teste O’Hara et al. (2011: 62)].

CURRENT STATUS: Unjustified emendation of Clytiomya Rondani, 1861; junior synonym of Clytiomya Rondani, 1861. New synonymy.
FAMILY: TACHINIDAE.
REMARKS: Name made available as an emendation by virtue of the original and changed spellings appearing together in the same work and the changed spelling adopted.

ORIGINALLY INCLUDED SPECIES: Brachycoma pallidula Wulp, 1890.
COQUILLETT DIPTERA GENERA

27. Condidea Coquillett, 1907a: 75.
ORIGINALLY INCLUDED SPECIES: Condidea lata Coquillett, 1907a.
TYPE SPECIES: Condidea lata Coquillett, 1907a, by original designation.
CURRENT STATUS: Junior synonym of Sericomyia Meigen, 1803 [teste Skevington & Thompson (2012: 218)].
FAMILY: SYRPHIDAE.

ORIGINALLY INCLUDED SPECIES: Corethrella brakeleyi Coquillett, 1902g.
TYPE SPECIES: Corethrella brakeleyi Coquillett, 1902g, by original designation.
CURRENT STATUS: Valid genus [teste Borkent (2014b: 455)].
FAMILY: CORETHRELLIDAE.

[Cordylura] Coquillett, 1895a: 7 [1898f: 161; 1900i: 456; 1904i: 70].
CURRENT STATUS: Incorrect subsequent spelling of Cordilura Fallén, 1810 or subsequent usage of Cordilura Macquart, 1835.
FAMILY: SCATHOPHAGIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Cordilura Fallén, 1810 that I have found in this study using the spelling “Cordylura” is Cordylura Macquart, 1835 as an unjustified emendation [teste Evenhuis et al. (2016: 48)].

[Cryptochaetum] Coquillett, 1898i: 340.
CURRENT STATUS: Incorrect subsequent spelling of Cryptochetum Rondani, 1875 or subsequent usage of Cryptochaetum by Riley (1889).
FAMILY: CRYPTOCHETIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Cryptochetum Rondani, 1875 that I have found in this study using the spelling “Cryptochaetum” is by Riley (1889: 340) as an incorrect subsequent spelling [teste this work].

[Cryptomeigenia] Coquillett, 1895b: 49.
CURRENT STATUS: Incorrect subsequent spelling of Cryptomeigenia Brauer & Bergenstamm, 1891.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Cynomyia] Coquillett, 1895a: 6 [1900i: 440; 1904i: 54].
CURRENT STATUS: Incorrect subsequent spelling of Cynomyia Robineau-Desvoidy, 1830 or subsequent usage of Cynomyia Macquart, 1834.
FAMILY: CALLIPHORIDAE.
REMARKS: Although this name could be seen as being available as an emendation by virtue of similar spelling changes in the same work from “mya” to “myia”, the earliest mention of Cynomyia Robineau-Desvoidy, 1830 using the spelling “Cynomyia” is Cynomyia Macquart (1834: 40) as an unjustified emendation [teste Evenhuis et al. (2016: 52)]. Because of the equivocal nature of the spelling, I follow ICZN Code Art. 33.5 in treating all occurrences of “Cynomyia” in these works as incorrect subsequent spellings.
[Cyrtoneura] Coquillett, 1895m: 338 [1898i: 334; 1900i: 441; 1904i: 55].
CURRENT STATUS: Incorrect subsequent spelling of Cyrtonevra Macquart, 1834 or subsequent usage of Cyrtoneura Meigen, 1838.
FAMILY: MUSCIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Cyrtonevra Macquart, 1834 using the spelling “Cyrtoneura” is Cyrtoneura Meigen, 1838 as an unjustified emendation [teste Evenhuis et al. (2016: 50)].

[Daochaeta] Coquillett, 1897b: 39, 150.
CURRENT STATUS: Incorrect subsequent spelling of Daeochaeta Townsend, 1892.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Dasiopa] Coquillett, 1910c: 531.
CURRENT STATUS: Incorrect subsequent spelling of Dasiops Rondani, 1856.
FAMILY: LONCHAEIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. This name has been placed on the Official Index of Rejected and Invalid Names in Zoology [teste I.C.Z.N. (1963a: 114; [Opinion 652])].

CURRENT STATUS: Incorrect subsequent spelling of Diarthronomyia Felt, 1908.
FAMILY: Family: CECIDOMYIIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

ORIGINALLY INCLUDED SPECIES: Dioctrodes flavipes Coquillett, 1904h.
TYPE SPECIES: Dioctrodes flavipes Coquillett, 1904h, by original designation.
CURRENT STATUS: Junior synonym of Taracticus Loew, 1872 [teste Poole (1996: 64)].
FAMILY: ASILIDAE.

[Echinomyia] Coquillett, 1895a: 6 [1897b: 11, 34, 143; 1898i: 331; 1900i: 439; 1901a: 150; 1904c: 37; 1904i: 53].
CURRENT STATUS: Incorrect subsequent spelling of Echinomya Latreille, 1805 or subsequent usage of Echinomyia Fischer von Waldheim, 1808.
FAMILY: TACHINIDAE.
REMARKS: Although this name could be seen as being available as an emendation by virtue of similar spelling changes in the same work from “mya” to “myia”, the earliest mention of Echinomya Latreille, 1805 that I have found in this study using the spelling “Echinomyia” is Echinomyia Fischer von Waldheim (1808: [unnumbered page 59]) as an unjustified emendation [teste Evenhuis et al. (2016: 58)]. Because of the equivocal nature of the spelling, I follow ICZN Code Art. 33.5 in treating all occurrences of “Echinomyia” in these works as incorrect subsequent spellings.

30. Efferia Coquillett, 1893f: 175.
ORIGINALLY INCLUDED SPECIES: Erax anomalus Bellardi, 1861; Erax completus Macquart, 1838; Efferia rava Coquillett, 1893f; Efferia candida Coquillett, 1893f; Efferia pernicis Coquillett, 1893f.
TYPE SPECIES: Efferia candida Coquillett, 1893f, by subsequent designation (Coquillett, 1910c: 536).
CURRENT STATUS: Valid genus [teste Poole (1996: 56)].
FAMILY: ASILIDAE.
Originally included species: Empimorpha comantis Coquillett, 1895n; Empis barbata Loew, 1862b.
Type species: Empimorpha comantis Coquillett, 1895n, by original designation.
Current status: Junior synonym of Empis Linnaeus, 1758 [testo Poole (1996: 155)].
Family: Empididae.

32. Eucessia Coquillett, 1886b: 82.
Originally included species: Eucessia rubens Coquillett, 1886b.
Type species: Eucessia rubens Coquillett, 1886b, by monotypy.
Current status: Valid genus [testo Evenhuis & Greathead (1999: 345)].
Family: Bombyliidae.

Originally included species: Eugnoriste occidentalis Coquillett, 1896c.
Type species: Eugnoriste occidentalis Coquillett, 1896c, by original designation.
Current status: Valid genus [testo Mohrig & Kauschke (2017: 54)].
Family: Sciaridae.

34. Euhybus Coquillett, 1895n: 437.
Originally included species: Hybos subjectus Walker, 1849a; Hybos purpureus Walker, 1849a; Hybos triplex Walker, 1849a.
Type species: Hybos purpureus Walker, 1849a, by subsequent designation (Coquillett, 1903c: 250).
Current status: Valid genus [testo Yang et al. (2007: 282)].
Family: Hybotidae.

35. Eupyrgota Coquillett, 1898i: 337.
Originally included species: Eupyrgota luteola Coquillett, 1898l.
Type species: Eupyrgota luteola Coquillett, 1898l, by original designation.
Family: Pyrgotidae.

36. Eusiphona Coquillett, 1897b: 91, 151.
Currently included species: Eusiphona mira Coquillett, 1897b.
Type species: Eusiphona mira Coquillett, 1897b, by original designation.

Remarks: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Eusiphona Coquillett, 1897b as a valid genus [testo Evenhuis et al. (2016: 63)].
CURRENT STATUS: Valid genus [teste Poole (1996: 178)].
FAMILY: MILICHIIDAE.

ORIGINALLY INCLUDED SPECIES: *Eutanyus borealis* Coquillett, 1899e.
TYPE SPECIES: *Eutanyus borealis* Coquillett, 1899e, by original designation.
CURRENT STATUS: Junior synonym of *Diamesa* Meigen in Wilt, 1835 [teste Poole (1996: 110)].
FAMILY: CHIRONOMIDAE.

ORIGINALLY INCLUDED SPECIES: *Tachina masurius* Walker, 1849b (as “masuria Walk.”; with *Clytiomyia exile* Coquillett, 1895h in synonymy).
TYPE SPECIES: *Clytiomyia exile* Coquillett, 1895h [type fixed under ICZN Code Art. 70.3.2 by O’Hara & Wood (2004: 45)].
CURRENT STATUS: Valid genus [teste O’Hara & Wood (2004: 45)].
FAMILY: TACHINIDAE.

ORIGINALLY INCLUDED SPECIES: *Exepacmus johnsoni* Coquillett, 1894a.
TYPE SPECIES: *Exepacmus johnsoni* Coquillett, 1894a, by monotypy.
CURRENT STATUS: Valid genus [teste Evenhuis & Greathead (1999: 345)].
FAMILY: BOMBYLIIDAE.

ORIGINALLY INCLUDED SPECIES: *Exoprosopa divisa* Coquillett, 1887a.
TYPE SPECIES: *Exoprosopa divisa* Coquillett, 1887a, by monotypy.
CURRENT STATUS: Junior synonym of *Exoprosopa* Macquart, 1840 [teste Evenhuis & Greathead (1999: 347)].
FAMILY: BOMBYLIIDAE.

41. *Exoristoides* Coquillett, 1897b: 31, 90.
Originally Included Species:
TYPE SPECIES: *Exoristoides johnsoni* Coquillett, 1897b, by original designation.
FAMILY: TACHINIDAE.

CURRENT STATUS: Incorrect subsequent spelling of *Phlebotomus* Rondani & Berté in Rondani, 1840.
FAMILY: PSYCHODIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.
“Flebotomus” was actually the original spelling of the genus in Rondani (1840), but the I.C.Z.N. (1954: 201 [Opinion 256]) ruled that *Phlebotomus* was the correct original spelling, so occurrences of “Flebotomus” after 1840 are incorrect subsequent spellings.

ORIGINALLY INCLUDED SPECIES: *Lordotus canalis* Coquillett, 1887b; *Geminaria pellucida* Coquillett, 1894d.
TYPE SPECIES: *Lordotus canalis* Coquillett, 1887b, by original designation.
CURRENT STATUS: Valid genus [teste Evenhuis & Greathead (1999: 196)].
FAMILY: BOMBYLIIDAE.
CURRENT STATUS: Incorrect subsequent spelling of Ginglymia Townsend, 1892.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Graphomyia] Coquillett, 1898i: 333 [1900i: 441; 1904c: 37; 1904i: 55].
CURRENT STATUS: Incorrect subsequent spelling of Graphomya Robineau-Desvoidy, 1830 or subsequent usage of Graphomyia Macquart, 1834.
FAMILY: MUSCIDAE.
REMARKS: Although this name could be seen as being available as an emendation by virtue of similar spelling changes in the same work from “mya” to “myia”, the earliest mention of Graphomya Robineau-Desvoidy, 1830 that I have found in this study using the spelling “Graphomyia” is Graphomyia Macquart, 1834 as an unjustified emendation [teste Evenhuis et al. (2016: 67)]. Because of the equivocal nature of the spelling, I follow ICZN Code Art. 33.5 in treating all occurrences of “Graphomyia” as incorrect subsequent spellings in these works.

CURRENT STATUS: Incorrect subsequent spelling of Gymnochaeta Robineau-Desvoidy, 1830 or subsequent usage of Gymnochaeta Macquart, 1835.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of Gymnochaeta Robineau-Desvoidy, 1830 using the spelling “Gymnochaeta” is Gymnochaeta Macquart, 1835, as an unjustified emendation [teste Evenhuis et al. (2010: 84)].

ORIGINALLY INCLUDED SPECIES: Stegomyia mediovittata Coquillett, 1906c; Stegomyia busckii Coquillett, 1906c; Stegomyia sexlineata Theobald, 1901; Gymnometopa albonotata Coquillett, 1906d.
TYPE SPECIES: Stegomyia mediovittata Coquillett, 1906c, by original designation
CURRENT STATUS: Valid genus [teste Reinert et al. (2005: 250)]
FAMILY: CULICIDAE.
REMARKS: This nominal genus is sometimes dated as 1905 which, if correct, would require a subsequent type designation since Stegomyia mediovittata Coquillett would have been described in the following year and would be a nomen nudum in this work. However, although the title page of this work has “December, 1905”, the last page of the main text of this issue of the journal has “Issued March 9, 1906”, which was one month after Stegomyia mediovittata Coquillett, 1906c was published.

44. Helicobia Coquillett, 1895m: 317.
ORIGINALLY INCLUDED SPECIES: Sarcophaga helicis Townsend, 1892a.
TYPE SPECIES: Sarcophaga helicis Townsend, 1892a [= Sarcophaga rapax Walker, 1849b], by original designation.
CURRENT STATUS: Valid genus [teste Pape (1996: 225)].
FAMILY: SARCOPHAGIDAE.

ORIGINALLY INCLUDED SPECIES: Hemeromyia obscura Coquillett, 1902f.
TYPE SPECIES: Hemeromyia obscura Coquillett, 1902f, by original designation.
CURRENT STATUS: Valid genus [teste Brake (2011: 122)].
FAMILY: CARNIDAE.

46. Henicomyia Coquillett, 1898g: 187.
ORIGINALLY INCLUDED SPECIES: Henicomyia hubbardii Coquillett, 1898g.
TYPE SPECIES: *Henicomyia hubbardii* Coquillett, 1898g, by original designation.
CURRENT STATUS: Valid genus [teste Webb et al. (2013: 73)].
FAMILY: THEREVIDAE.

47. *Hesperodes* Coquillett, 1900e: 429.
ORIGINALLY INCLUDED SPECIES: *Hesperodes johnsoni* Coquillett, 1900e.
TYPE SPECIES: *Hesperodes johnsoni* Coquillett, 1900e, by original designation.
CURRENT STATUS: Valid genus [teste Evenhuis (2006: 30)].
FAMILY: KEROPLATIDAE.

48. *Houghia* Coquillett, 1897b: 118.
ORIGINALLY INCLUDED SPECIES: *Houghia setipennis* Coquillett, 1897b.
TYPE SPECIES: *Houghia setipennis* Coquillett, 1897b, by original designation.
FAMILY: TACHINIDAE.

[Hyalomyia] Coquillett, 1890: 234 [1897b: 43, 44, 152].
CURRENT STATUS: Incorrect subsequent spelling of *Hyalomya* Robineau-Desvoidy, 1830 or subsequent usage of *Hyalomyia* Macquart, 1834.
FAMILY: TACHINIDAE.
REMARKS: Although this name could be seen as being available as an emendation by virtue of similar spelling changes in the same work from “mya” to “myia”, the earliest mention of *Hyalomya* Robineau-Desvoidy, 1830 that I have found in this study using the spelling “Hyalomyia” is *Hyalomyia* Macquart, 1834 as an unjustified emendation [teste Evenhuis et al. (2016: 72)]. Because of the equivocal nature of the spelling, I follow ICZN Code Art. 33.5 in treating all occurrences of “Hyalomyia” as incorrect subsequent spellings in these works.

[Hyetodesia] Coquillett, 1901a: 150 [1901h: 138, 142].
CURRENT STATUS: Incorrect subsequent spelling of *Yetodesia* Rondani, 1861 or subsequent usage of *Hyetodesia* Mik, 1881.
FAMILY: MUSCIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Yetodesia* Rondani, 1861 that I have found in this study using the spelling “Hyetodesia” is *Hyetodesia* Mik, 1881 as an unjustified emendation [teste O’Hara et al. (2011: 190)].

[Hylemyia] Coquillett, 1895a: 6 [1900i: 448; 1904c: 33; 1904i: 62].
CURRENT STATUS: Incorrect subsequent spelling of *Hylemyia* Robineau-Desvoidy, 1830 or subsequent usage of *Hylemyia* Macquart, 1835.
FAMILY: TACHINIDAE.
REMARKS: Although this name could be seen as being available as an emendation by virtue of similar spelling changes in the same work from “mya” to “myia”, the earliest mention of *Hylemyia* Robineau-Desvoidy, 1830 that I have found in this study using the spelling “Hylemyia” is *Hylemyia* Macquart, 1835 as an unjustified emendation [teste Evenhuis et al. (2016: 73)]. Because of the equivocal nature of the spelling, I follow ICZN Code Art. 33.5 in treating all occurrences of “Hylemyia” as incorrect subsequent spellings in these works.

49. *Isoglossa* Coquillett, 1895e: 125.
ORIGINALLY INCLUDED SPECIES: *Isoglossa hastata* Coquillett, 1895e.
TYPE SPECIES: *Isoglossa hastata* Coquillett, 1895e, by original designation.
FAMILY: TACHINIDAE.
50. **Isostomyia** Coquillett, 1906e: 16, 24.

**Originally Included Species:** *Aedes perturbans* Williston, 1896; *Aedes nigricorpus* Theobald, 1901.

**Type Species:** *Aedes perturbans* Williston, 1896, by subsequent designation (Coquillett 1910c: 556).

**Current Status:** Valid genus [*teste* Guimarães (1997: 104)].

**Family:** Culicidae.

**Remarks:** Howard et al. (1915: 186) stated that the type species of *Isostomyia* Coquillett, 1906e was *Aedes perturbans* Williston, 1896 by original designation. Guimarães (1997: 104) and Knight & Stone (1977: 312) stated the same type species but by monotypy. A check of Coquillett (1906e) shows that no type designation was made in that work. Although Coquillett (1910c: 556) indicated that *Aedes perturbans* Williston, 1896 was the only species in this genus, the questionable inclusion of *Aedes nigricorpus* Theobald, 1901 by Coquillett (1906e: 24) qualifies as an originally included species according to ICZN Code Art. 67.2.5. Thus, a subsequent designation from the two originally included species is needed. The earliest valid subsequent type designation I have found in this study is that by Coquillett (1910c: 556).

51. **Johnsonia** Coquillett, 1895m: 316.

**Originally Included Species:** *Johnsonia elegans* Coquillett, 1895m.

**Type Species:** *Johnsonia elegans* Coquillett, 1895m, by original designation.

**Current Status:** Valid subgenus of *Lepidodexia* Brauer & Bergenstamm, 1891 [*teste* Pape (1996: 235)].

**Family:** Sarcophagidae.

52. **Lasioneura** Coquillett, 1895h: 50.

**Originally Included Species:** *Lasioneura johnsoni* Coquillett, 1895h; *Lasioneura palloris* Coquillett, 1895h.

**Type Species:** *Lasioneura johnsoni* Coquillett, 1895h, by original designation.

**Current Status:** Junior synonym of *Ginglymia* Townsend, 1892 [*teste* O’Hara & Wood (2004: 262)].

**Family:** Tachinidae.

53. **Lepidoplatys** Coquillett, 1906b: 314.

**Originally Included Species:** *Lepidoplatys squamiger* Coquillett, 1906b.

**Type Species:** *Lepidoplatys squamiger* Coquillett, 1906b, by original designation.

**Current Status:** Junior synonym of *Ochlerotatus* Lynch Arribálzaga, 1891 (subgenus of *Aedes* Meigen, 1818) [*teste* Guimarães (1997: 35)].

**Family:** Culicidae.

54. **Lepidosia** Coquillett, 1906b: 314.

**Originally Included Species:** *Lepidosia cyanescens* Coquillett, 1906b.

**Type Species:** *Lepidosia cyanescens* Coquillett, 1906b, by original designation.

**Current Status:** Junior synonym of *Janthinosoma* Lynch Arribálzaga, 1891 (subgenus of *Psorophora* Robineau-Desvoidy, 1830) [*teste* Guimarães (1997: 52)].

**Family:** Culicidae.

55. **Linnaemyia** Coquillett, 1897b: 18, 31, 152.

**Current Status:** Unjustified emendation of *Linnaemya* Robineau-Desvoidy, 1830; junior synonym of *Linnaemya* Robineau-Desvoidy, 1830. New synonymy.
FAMILY: TACHINIDAE.
REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

56. Lipochaeta Coquillett, 1896b: 200.
ORIGINALLY INCLUDED SPECIES: Lipochaeta slossonae Coquillett, 1896b.
TYPE SPECIES: Lipochaeta slossonae Coquillett, 1896b, by original designation.
FAMILY: EPHYDRIDAE.

[Lispa] Coquillett, 1900f: 256 [1904c: 34].
CURRENT STATUS: Incorrect subsequent spelling of Lispe Latreille, 1797 or subsequent usage of Lispa by Robineau-Desvoidy (1830).
FAMILY: MUSCIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Lispe Latreille, 1797 that I have found in this study using the spelling “Lispa” is by Robineau-Desvoidy (1830: 526) as an incorrect subsequent spelling [teste this work].

57. Lispidea Coquillett, 1895h: 51.
ORIGINALLY INCLUDED SPECIES: Lispidea palpigera Coquillett, 1895h.
TYPE SPECIES: Lispidea palpigera Coquillett, 1895h, by original designation.
CURRENT STATUS: Junior synonym of Phytomyptera Rondani, 1845 [teste O’Hara & Wood (2004: 252)].
FAMILY: TACHINIDAE.

CURRENT STATUS: Incorrect subsequent spelling of Lypha Robineau-Desvoidy, 1830.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

CURRENT STATUS: Incorrect subsequent spelling of Megarhinus Robineau-Desvoidy, 1827.
FAMILY: CULICIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

58. Mancia Coquillett, 1886c: 159.
ORIGINALLY INCLUDED SPECIES: Mancia nana Coquillett, 1886c.
TYPE SPECIES: Mancia nana Coquillett, 1886c, by monotypy.
CURRENT STATUS: Valid genus [teste Evenhuis & Greathead (1999: 457)].
FAMILY: BOMBYLIIDAE.

59. Mauromyia Coquillett, 1897b: 51.
ORIGINALLY INCLUDED SPECIES: Mauromyia pulla Coquillett, 1897b.
TYPE SPECIES: Mauromyia pulla Coquillett, 1897b, by original designation.
FAMILY: TACHINIDAE.

CURRENT STATUS: Incorrect subsequent spelling of Maekistocera Wiedemann, 1821 or subsequent usage of “Megistocera” by Wiedemann in Meigen (1826).
FAMILY: TIPULIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Maekistocera Wiedemann, 1821 I have found in his study using the spelling “Megistocera” is by Wiedemann in Meigen (1826: vi) as an incorrect subsequent spelling [teste Evenhuis & Pont (2013: 31)].

60. Meigeniella Coquillett, 1902c: 104.
ORIGINALLY INCLUDED SPECIES: Meigeniella hinei Coquillett, 1902c.
TYPE SPECIES: Meigeniella hinei Coquillett, 1902c, by original designation.
CURRENT STATUS: Junior synonym of Cryptomeigenia Brauer & Bergenstamm, 1891 [teste O'Hara & Wood (2004: 84)].
FAMILY: TACHINIDAE.

[Melanosphora] Coquillett, 1890: 233 [1897b: 60].
CURRENT STATUS: Incorrect subsequent spelling of Melanophora Meigen, 1803 or subsequent usage of “Melanosphora” by Riley (1884).
FAMILY: RHINOPHORIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Melanophora Meigen, 1803 that I have found in this study using the spelling “Melanosphora” is by Riley (1884: 77) as an incorrect subsequent spelling [teste this work].

61. Metachaeta Coquillett, 1895i: 98.
ORIGINALLY INCLUDED SPECIES: Metachaeta atra Coquillett, 1895i.
TYPE SPECIES: Metachaeta atra Coquillett, 1895i [= Rhinophora laevigata Wulp, 1890], by original designation.
CURRENT STATUS: Junior synonym of Ramonda Robineau-Desvoidy, 1863 (subgenus of Periscepsia Gistel, 1848 [teste O'Hara & Wood (2004: 65)])..
FAMILY: TACHINIDAE.

62. Metachela Coquillett, 1903c: 253, 263.
ORIGINALLY INCLUDED SPECIES: Hemerodromia collusor Melander, 1902
TYPE SPECIES: Hemerodromia collusor Melander, 1902, by original designation.
CURRENT STATUS: Valid genus [teste Yang et al. (2006: 276)].
FAMILY: EMPIDIDAE.

ORIGINALLY INCLUDED SPECIES: Metacosmus exilis Coquillett, 1891b.
TYPE SPECIES: Metacosmus exilis Coquillett, 1891b, by monotypy.
CURRENT STATUS: Valid genus [teste Evenhuis & Greathead (1999: 285)].
FAMILY: BOMBYLIIDAE.

64. Metadexia Coquillett, 1899g: 220.
ORIGINALLY INCLUDED SPECIES: Metadexia tricolor Coquillett, 1899g.
TYPE SPECIES: Metadexia tricolor Coquillett, 1899g, by original designation.
CURRENT STATUS: Junior synonym of Zelia Robineau-Desvoidy, 1830 [teste O'Hara & Wood (2004: 37)].
FAMILY: TACHINIDAE.

65. Metaphragma Coquillett, 1894f: 97.
ORIGINALLY INCLUDED SPECIES: Xestomyza planiceps Loew, 1872.
TYPE SPECIES: Xestomyza planiceps Loew, 1872, by original designation.
CURRENT STATUS: Junior synonym of Tabuda Walker, 1852 [teste Webb et al. (2013: 66)].
FAMILY: THEREVIDAE.
66. *Metaphyto* Coquillett, 1897b: 89.
   Originally included species: *Metaphyto genalis* Coquillett, 1897b.
   Type species: *Metaphyto genalis* Coquillett, 1897b, by original designation.
   Current status: Junior synonym of *Panzeria* Robineau-Desvoidy, 1830 [testo O’Hara & Wood (2004: 244)].
   Family: TACHINIDAE.

   Originally included species: *Metaplagia occidentalis* Coquillett, 1895i.
   Type species: *Metaplagia occidentalis* Coquillett, 1895i, by original designation.
   Family: TACHINIDAE.

   Originally included species: *Metapogon gilvipes* Coquillett, 1904h; *Metapogon punctipennis* Coquillett, 1904h.
   Type species: *Metapogon gilvipes* Coquillett, 1904h, by original designation.
   Current status: Valid genus [testo Poole (1996: 60)].
   Family: ASILIDAE.

69. *Metatrichia* Coquillett, 1900g: 500.
   Originally included species: *Scenopinus bulbosa* Osten Sacken, 1877.
   Type species: *Scenopinus bulbosa* Osten Sacken, 1877, by original designation.
   Current status: Valid genus [testo Poole (1996: 237)].
   Family: SCENOPINIDAE.

70. *Metelasmus* Coquillett, 1907d: 292.
   Originally included species: *Metelasmus pseudopterus* Coquillett, 1907d.
   Type species: *Metelasmus pseudopterus* Coquillett, 1907d, by original designation.
   Current status: Valid genus [testo Dick (2013: 3)].
   Family: HIPPOBOSCIDAE.

   Originally included species: *Micraedes bisulcatus* Coquillett, 1906d.
   Type species: *Micraedes bisulcatus* Coquillett, 1906d, by original designation.
   Family: CULICIDAE.
   Remarks: Knight & Stone (1977: 266) indicated the method of type fixation for this nominal genus as by monotypy (as “haplotype”), but this is incorrect. A check of Coquillett (1906e) shows that he clearly stated “Type, the following species” which is an original type designation.

   Originally included species: *Misgomyia obscura* Coquillett, 1908b.
   Type species: *Misgomyia obscura* Coquillett, 1908b, by original designation.
   Current status: Junior synonym of *Bolbomyia* Loew, 1850 [testo Poole (1996: 2198)].
   Family: RHAGIONIDAE.

73. *Mutiloptera* Coquillett, 1908b: 147.
   Originally included species: *Mutiloptera apicalis* Coquillett, 1908b.
   Type species: *Mutiloptera apicalis* Coquillett, 1908b [preoccupied by *Geomyza apicalis* Meigen, 1830; = *Mutiloptera coquilletti* Hendel, 1917], by original designation.
   Current status: Junior synonym of *Geomyza* Fallén, 1810 [testo Poole (1996: 203)].
   Family: OPOMYZIDAE.
[Myobia] Coquillett, 1895i: 105 [1895m: 313].
CURRENT STATUS: Incorrect subsequent spelling of *Myobia* Robineau-Desvoidy, 1830 or subsequent usage of “*Myiobia*” by Gistel (1856).
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Myobia* Robineau-Desvoidy, 1830 I have found in this study using the spelling “*Myiobia*” is by Gistel (1856: 324) as an incorrect subsequent spelling [teste this work].

CURRENT STATUS: Incorrect subsequent spelling of *Myolepta* Newman, 1838 or subsequent usage of *Myiolepta* Rondani, 1868.
FAMILY: SYRPHIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Myolepta* Newman, 1838 using the spelling “*Myiolepta*” is *Myiolepta* Rondani (1868: 564) as an unjustified emendation [teste O’Hara *et al.* (2011: 124)].

74. Mythicomyia Coquillett, 1893e: 208.
ORIGINALLY INCLUDED SPECIES: *Mythicomyia riley* Coquillett, 1893.
TYPE SPECIES: *Mythicomyia riley* Coquillett, 1893, by monotypy
CURRENT STATUS: Valid genus [teste Evenhuis (2006: 36)].
FAMILY: MYTHICOMYIIDAE.
REMARKS: There are two original spellings of this nominal genus in this work: *Mythicomyia* (page 208) and *Mythiocomyia* (page 208). By subsequent usage of the author (ICZN Code Art. 24.2.4), Coquillett (1895n: 409) acted as First Reviser and selected *Mythicomyia* as the correct original spelling of this nominal genus. Evenhuis (1991: 54) also made a First Reviser selection of *Mythicomyia* as the correct original spelling, but this action was later.

CURRENT STATUS: Incorrect original spelling of *Mythicomyia* Coquillett, 1893e [teste Coquillett (1895n: 409)].
FAMILY: MYTHICOMYIIDAE.

75. Nebritus Coquillett, 1894f: 98.
ORIGINALLY INCLUDED SPECIES: *Nebritus pellucidus* Coquillett, 1894f.
TYPE SPECIES: *Nebritus pellucidus* Coquillett, 1894f, by original designation.
CURRENT STATUS: Valid genus [teste Webb *et al.* (2013: 44)].
FAMILY: THEREVIDAE.

76. Neocerata Coquillett, 1900a: 47.
ORIGINALLY INCLUDED SPECIES: *Neocerata rhodophaga* Coquillett, 1900a.
TYPE SPECIES: *Neocerata rhodophaga* Coquillett, 1900a, by monotypy.
CURRENT STATUS: Junior synonym of *Dasineura* Rondani, 1840 [teste Gagné & Jaschhof (2014: 170)].
FAMILY: CECIDOMYIIDAE.

77. Neocota Coquillett, 1895n: 434.
ORIGINALLY INCLUDED SPECIES: *Neocota weedii* Coquillett, 1895n.
TYPE SPECIES: *Neocota weedii* Coquillett, 1895n, by original designation.
FAMILY: EMPIDIDAE.
78. Neopales Coquillett, 1910c: 575.

**TYPE SPECIES:** *Pales florea* Robineau-Desvoidy, 1830 [= *Tachina pavida* Meigen, 1824], automatic (by subsequent designation of the same species for *Pales* Robineau-Desvoidy, 1830 (Coquillett, 1910c: 582)).

**CURRENT STATUS:** Unnecessary new replacement name for *Pales* Robineau-Desvoidy, 1830; junior synonym of *Pales* Robineau-Desvoidy, 1830 [*teste* Herting & Dely-Draskovits (1993: 233)].

**FAMILY:** TACHINIDAE.

**REMARKS:** At the time of Coquillett’s (1910c) paper, no type species had been designated for *Pales* Robineau-Desvoidy, 1830. As a new name for *Pales* Robineau-Desvoidy, 1830, the type species designated for *Neopales* Coquillett, 1910c would automatically be the type species for *Pales* Robineau-Desvoidy, 1830 and vice versa. Coquillett (1910c: 575) designated *Musca processioneae* Ratzeburg, 1840 (as ”*Tachina processioneae*”) as the type species for *Neopales*; whereas he (1910c: 582) designated *Pales strenua* Robineau-Desvoidy, 1830 as the type species for *Pales* Robineau-Desvoidy, 1830. *Musca processioneae* Ratzeburg, 1840 was not one of the originally included species in *Pales* Robineau-Desvoidy, 1830, thus the only valid type species designation is *Pales florea* Robineau-Desvoidy, 1830 by Coquillett (1910c: 582). At the time Coquillett treated *Pales* Robineau-Desvoidy, 1830 in his type-species catalog, the name was preoccupied by *Pales* Meigen, 1800. However, by action of the I.C.Z.N. (1963b: 339) [Opinion 678], the 1800 work was suppressed, thus all names therein are unavailable. Thus, *Pales* Robineau-Desvoidy, 1830 is no longer preoccupied by *Pales* Meigen, 1800.


**ORIGINALLY INCLUDED SPECIES:** *Hemerodromia scapularis* Loew, 1862b.

**TYPE SPECIES:** *Hemerodromia scapularis* Loew, 1862b, by original designation.

**CURRENT STATUS:** Valid genus [*teste* Yang et al. (2007: 277)].

**FAMILY:** EMPIDIDAE.

80. Nostima Coquillett, 1900c: 35.

**ORIGINALLY INCLUDED SPECIES:** *Nostima slossonae* Coquillett, 1900c.

**TYPE SPECIES:** *Nostima slossonae* Coquillett, 1900c, by original designation.

**CURRENT STATUS:** Valid genus [*teste* Mathis & Zatwarnicki (1995: 190)].

**FAMILY:** EPHYDRIDAE.


**ORIGINALLY INCLUDED SPECIES:** *Cycloleppteron mediopunctata* Theobald, 1903.

**TYPE SPECIES:** *Cycloleppteron mediopunctata* Theobald, 1903 [misidentification; = *Anopheles strigimaculata* Dyar & Knab, 1906b], by monotypy.

**CURRENT STATUS:** Junior synonym of *Anopheles* Meigen, 1818 [*teste* Poole (1996: 131)].

**FAMILY:** CULICIDAE.

**REMARKS:** Howard et al. (1917: 995) indicated that the species Coquillett (1906e) designated as type species for *Nototricha* (*Cycloleppteron mediopunctata* Theobald, 1903) was misidentified and was actually a specimen of *Anopheles strigimaculata* Dyar & Knab, 1906b. This change does not affect the generic treatment as a junior synonym of *Anopheles* Meigen, 1818 as both species are currently considered members of the nominate subgenus [*teste* Knight & Stone (1977: 11)].

**EMENDATIONS:** *Notonotricha* Brunetti, 1914: 34 (unjustified emendation).

82. Omomyia Coquillett, 1907a: 76.

**ORIGINALLY INCLUDED SPECIES:** *Omomyia hirsuta* Coquillett, 1907a.
TYPE SPECIES: *Omomyia hirsuta* Coquillett, 1907a, by original designation.
CURRENT STATUS: Valid genus [*teste* Poole (1996: 221)].
FAMILY: RICHARDIIDAE.

[Oncodocera] Coquillett, 1886b: 81 [1894a: 92].
CURRENT STATUS: Incorrect subsequent spelling of *Ogcodocera* Macquart, 1840 or subsequent usage of “Oncodocera” by Erichson (1841: 88).
FAMILY: BOMBYLIIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Ogcodocera* Macquart, 1840 found in this study using the spelling “Oncodocera” is by Erichson (1841: 188) as an incorrect subsequent spelling [*teste* this work]).

83. Opsidia Coquillett, 1895i: 102.
ORIGINALLY INCLUDED SPECIES: *Opsidia gonioides* Coquillett, 1895i.
TYPE SPECIES: *Opsidia gonioides* Coquillett, 1895i [= Araba grisea Robineau-Desvoidy, 1830], by original designation.
CURRENT STATUS: Valid genus [*teste* Pape (1996: 121)].
FAMILY: SARCOPHAGIDAE.

84. Opsiomyia Coquillett, 1898f: 162.
ORIGINALLY INCLUDED SPECIES: *Opsiomyia palpalis* Coquillett, 1898f.
TYPE SPECIES: *Opsiomyia palpalis* Coquillett, 1898f, by original designation.
CURRENT STATUS: Junior synonym of *Trichopalpus* Rondani, 1856 [*teste* Poole (1996: 235)].
FAMILY: SCATHOPHAGIDAE.

ORIGINALLY INCLUDED SPECIES: *Lasios calvicrura* Coquillett, 1900i.
TYPE SPECIES: *Lasios calvicrura* Coquillett, 1900i [= Aricia orichalcea Zetterstedt, 1849], by original designation.
CURRENT STATUS: Valid genus [*teste* Poole (1996: 186)].
FAMILY: MUSCIDAE.

86. Ornithodes Coquillett, 1900i: 400 [1904i: 14].
ORIGINALLY INCLUDED SPECIES: *Ornithodes harrimani* Coquillett, 1900i.
TYPE SPECIES: *Ornithodes harrimani* Coquillett, 1900i, by original designation.
CURRENT STATUS: Valid genus [*teste* Poole (1996: 320)].
FAMILY: PEDICIIDAE.

CURRENT STATUS: Incorrect subsequent spelling of *Ornithomya* Latreille, 1802 or subsequent usage of *Ornithomya* Fischer von Waldheim, 1808.
FAMILY: HIPPOBOSCIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Ornithomya* Latreille, 1802 that I have found in this study using the spelling “Ornithomyia” is *Ornithomyia* Fischer von Waldheim, 1808 as an unjustified emendation [*teste* Evenhuis et al. (2016: 94)].

[Pachyrhina] Coquillett, 1900i: 405 [1904i: 19].
CURRENT STATUS: Incorrect subsequent spelling of *Pachyrhina* Macquart, 1834 or subsequent usage of *Pachyrhina* Osten Sacken, 1878.
FAMILY: TIPULIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Pangonia Macquart, 1834 that I have found in this study using the spelling “Pachyrhina” is Pachyrhina Osten Sacken, 1878 as an unjustified emendation [test  Evenhuis et al. (2016: 97)].

CURRENT STATUS: Incorrect subsequent spelling of Pangonius Latreille, 1802 or subsequent usage of Pangonia Latreille, 1809.
FAMILY: TABANIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Pangonius Latreille, 1802 that I have found in this study using the spelling “Pangonia” is Pangonia Latreille, 1809 as an unjustified emendation [test Evenhuis & Pont (2016: 33)].

ORIGINALLY INCLUDED SPECIES: Trypeta culta Wiedemann, 1830 (as “Carphotricha culta”).
TYPE SPECIES: Trypeta culta Wiedemann, 1830 (as “Carphotricha culta”), by original designation.
CURRENT STATUS: Valid genus [test Norrbom et al. (1999: 180)]. Nomen protectum [test this work].
FAMILY: TEPHRITIDAE.
REMARKS: In a discussion of thistle insects of Colorado, Cockerell (1889a: 1) published the name Scriptotricha culta, which had been interpreted by some workers to be a new nominal genus with Trypeta culta Wiedemann, 1830 as the type species by monotypy. Scriptotricha appears in two other places in the non-recording literature (Cockerell 1889b, and 1893, both in checklists of insects), otherwise it has not been treated since as a valid genus and it is conspicuously absent from Coquillett’s (1910c) list of North American Diptera genera. If found to be an available name, Cockerell’s genus would have priority over Paracantha Coquillett, 1899, but Norrbom et al. (1999: 180) rejected Cockerell’s name in the interest of stability. Cockerell (1900) explained the history of Scriptotricha after corresponding with Coquillett who investigated the matter. It seems clear from the information supplied in Cockerell (1900) that Cockerell perpetuated a lapsus by Theodore Pergande of “Scriptotricha culta” for “Carphotricha culta”, the former name of which was given to Cockerell by Pergande as the name of a specimen Cockerell had sent to the U.S. Department of Agriculture for identification. As it is clear that Cockerell had no intention of proposing a new genus, I therefore treat all occurrences of “Scriptotricha” in Cockerell (1889a, 1889b, and 1893) as incorrect subsequent spellings of Carphotricha. However, in case Scriptotricha is still viewed as an available name, I here invoke ICZN Code Art. 23.9 (reversal of precedence) since (1) Scriptotricha has not been used as a valid name since 1899, and (2) Paracantha has been used as a valid name in at least 25 works by 10 authors in the last 50 years in a span of more than 10 years and treat Paracantha Coquillett, 1899 as a nomen protectum and Scriptotricha Cockerell, 1889 as a nomen oblitum. See Appendix III for a list of works citing Paracantha as a valid taxon to comply with point (2) above.

88. Parachaeta Coquillett, 1897b: 123.
ORIGINALLY INCLUDED SPECIES: Blepharipeza bicolor Macquart, 1846 (with Blepharipeza inermis Bigot, 1887 in synonymy).
TYPE SPECIES: Blepharipeza bicolor Macquart, 1846, by original designation.
FAMILY: TACHINIDAE.

89. Paradmontia Coquillett, 1902c: 106.
ORIGINALLY INCLUDED SPECIES: Paradmontia brevis Coquillett, 1902c.
TYPE SPECIES: Paradmontia brevis Coquillett, 1902c, by original designation.
CURRENT STATUS: Junior synonym of Mauromyia Coquillett, 1897 [test O’Hara & Wood (2004: 293)].
FAMILY: TACHINIDAE.
90. Paraphyto Coquillett, 1895i: 105.
ORIGINALY INCLUDED SPECIES: Paraphyto chittendeni Coquillett, 1895i.
TYPE SPECIES: Paraphyto chittendeni Coquillett, 1895i [= Sarcophaga vigil Walker, 1849b], by original designation.
CURRENT STATUS: Junior synonym of Wohlfahrtia Brauer & Bergenstamm, 1889 [teste Pape (1996: 169)].
FAMILY: SARCOPHAGIDAE.

91. Paraspilogaster Coquillett, 1901h: 140.
FAMILY: MUSCIDAE.
REMARKS: Name made available as an emendation by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted.

92. Paratissa Coquillett, 1900c: 36.
ORIGINALY INCLUDED SPECIES: Drosophila pollinosa Williston, 1896.
TYPE SPECIES: Drosophila pollinosa Williston, 1896, by original designation.
FAMILY: EPHYDRIDAE.

93. Parepalpus Coquillett, 1902c: 120.
ORIGINALY INCLUDED SPECIES: Parepalpus flavida Coquillett, 1902c.
TYPE SPECIES: Parepalpus flavida Coquillett, 1902c, by monotypy.
FAMILY: TACHINIDAE.

ORIGINALY INCLUDED SPECIES: Parephydra humilis Coquillett, 1902f.
TYPE SPECIES: Parephydra humilis Coquillett, 1902f, by original designation.
FAMILY: EPHYDRIDAE.

95. Pareuxesta Coquillett, 1901k: 376.
ORIGINALY INCLUDED SPECIES: Pareuxesta latifasciata Coquillett, 1901k; Pareuxesta obscura Coquillett, 1901k; Pareuxesta intermedia Coquillett, 1901k; Pareuxesta hyalinata Coquillett, 1901k.
TYPE SPECIES: Pareuxesta latifasciata Coquillett, 1901k, by original designation.
CURRENT STATUS: Valid genus [teste Steyskal (1968: 20)].
FAMILY: ULIDIIDAE.

96. Parhomalomyia Coquillett, 1901h: 140, 143.
FAMILY: FANNIIDAE.
REMARKS: Name made available as an emendation by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted. Coquillett (1901h: 140) indicated that Bigot had made this correction in spelling from Parmalomyia to Parhomalomyia in an author’s extra sent to him. However, this correction was not published by Bigot, so Coquillett was the first to make the name Parhomalomyia available as an emendation.

ORIGINALY INCLUDED SPECIES: Parodinia cinerea Coquillett, 1902f; Rhicnoessa costalis Coquillett, 1901k.
TYPE SPECIES: Parodinia cinerea Coquillett, 1902f, by original designation.
CURRENT STATUS: Junior synonym of *Trixoscelis* Rondani, 1856 [teste Poole (1996: 172)].
FAMILY: HELEOMYZIDAE.

98. *Paroedopa* Coquillett, 1900d: 22.
ORIGINALLY INCLUDED SPECIES: *Paroedopa punctigera* Coquillett, 1900d.
TYPE SPECIES: *Paroedopa punctigera* Coquillett, 1900d, by original designation.
CURRENT STATUS: Valid genus [teste Poole (1996: 205)].
FAMILY: ULIDIIDAE.

ORIGINALLY INCLUDED SPECIES: *Petia calva* Coquillett, 1910d.
TYPE SPECIES: *Petia calva* Coquillett, 1910d, by original designation.
CURRENT STATUS: Junior synonym of *Catharosia* Rondani, 1868 [teste O’Hara & Wood (2004: 212)].
FAMILY: TACHINIDAE.

REMARKS: Previous catalogs [e.g., O’Hara & Wood (2004)] have listed *Petia* Coquillett, 1910d as being preoccupied by *Petia* Gray, 1839. A check of the literature shows this not to be the case. *Petia* Gray, 1839 (Reptilia) is an unavailable name since it was originally proposed in synonymy and was not treated as an available name before 1961.

CURRENT STATUS: Incorrect subsequent spelling of *Phalacromya* Rondani, 1848 or subsequent usage of *Phalacromya* Costa, 1866.
FAMILY: CALLIPHORIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of *Phalacromya* Rondani, 1848 that I have found in this study using the spelling “*Phalacromyia*” is *Phalacromyia* Costa, 1866 as an unjustified emendation [teste O’Hara et al. (2011: 141)].

100. *Phasiops* Coquillett, 1899g: 219.
ORIGINALLY INCLUDED SPECIES: *Phasiops flava* Coquillett, 1899g.
TYPE SPECIES: *Phasiops flava* Coquillett, 1899g, by monotypy.
FAMILY: TACHINIDAE.

CURRENT STATUS: Incorrect subsequent spelling of *Phaenicia* Robineau-Desvoidy, 1863.
FAMILY: CALLIPHORIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Phorichaeta] Coquillett, 1897b: 19, 33, 154 [1902c: 116].
CURRENT STATUS: Incorrect subsequent spelling of *Phoricheta* Rondani, 1861 or subsequent usage of *Phorichaeta* Brauer & Bergenstamm, 1889.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Phoricheta* Rondani, 1861 that I have found in this study using the spelling “*Phorichaeta*” is *Phorichaeta* Brauer & Bergenstamm, 1889 as an unjustified emendation [teste O’Hara et al. (2011: 143)].

ORIGINALLY INCLUDED SPECIES: *Ctenophora angustipennis* Loew, 1872.
TYPE SPECIES: *Ctenophora angustipennis* Loew, 1872, by original designation.
CURRENT STATUS: Valid genus [teste Oosterbroek & Theowald (1992: 83)].

FAMILY: TIPULIDAE.


TYPE SPECIES: Sciara nigra Wiedemann, 1821, automatic [the same species as for Odontonyx Rübsaamen, 1894, by subsequent designation (Coquillett 1910c: 578)].

CURRENT STATUS: New replacement name for Odontonyx Rübsaamen, 1894; junior synonym of Odontosciara Rübsaamen, 1908 [teste Mohrig et al. (2013: 219)].

FAMILY: SCIARIDAE.


CURRENT STATUS: Incorrect subsequent spelling of Phosocephala Townsend, 1908.

FAMILY: TACHINIDAE.

REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.


ORIGINALLY INCLUDED SPECIES: Phytodes hirculus Coquillett, 1910d.

TYPE SPECIES: Phytodes hirculus Coquillett, 1910d, by original designation.

CURRENT STATUS: Junior synonym of Neophyto Townsend, 1908 (subgenus of Lepidodexia Brauer & Bergenstamm, 1891) [teste Pape (1996: 239)].

FAMILY: SARCOPHAGIDAE.


FAMILY: MILICHIIDAE.

REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

[Platycheirus] Coquillett, 1900i: 428 [1904i: 42].

CURRENT STATUS: Incorrect subsequent spelling of Platycheirus Le Peletier & Audinet-Serville, 1828 or subsequent usage of Platycheirus Agassiz, 1846.

FAMILY: SYRPHIDAE.

REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Platycheirus Le Peletier & Audinet-Serville, 1828 that I have found in this study using the spelling “Platycheirus” is Platycheirus Agassiz, 1846 as an unjustified emendation [teste Peck (1988: 68)].

104. Plectops Coquillett, 1897b: 57.

ORIGINALLY INCLUDED SPECIES: Plectops melissopodus Coquillett, 1897b.

TYPE SPECIES: Plectops melissopodus Coquillett, 1897b, by original designation.

CURRENT STATUS: Junior synonym of Phytomyptera Rondani, 1844 [teste O’Hara & Wood (2004: 252)].

FAMILY: TACHINIDAE.


ORIGINALLY INCLUDED SPECIES: Plethochaeta varicolor Coquillett, 1901d.

TYPE SPECIES: Plethochaeta varicolor Coquillett, 1901d, by original designation.

CURRENT STATUS: Valid genus [teste Poole (1996: 234)].

FAMILY: SCATHOPHAGIDAE.

106. Pseudacteon Coquillett, 1907c: 208.

ORIGINALLY INCLUDED SPECIES: Pseudacteon crawfordii Coquillett, 1907c;
-originally included species: *Pseudapinops nigra* Coquillett, 1902c.
-type species: *Pseudapinops nigra* Coquillett, 1902c, by original designation.
-family: tachinidae.

-originally included species: *Pseudiastata nebulosa* Coquillett, 1908b.
-type species: *Pseudiastata nebulosa* Coquillett, 1908b, by original designation.
-family: drosophilidae.

-originally included species: *Pseudolfersia maculata* Coquillett, 1899i.
-type species: *Pseudolfersia maculata* Coquillett, 1899i [= *Lynchia fumipennis* Sahlberg, 1886], by original designation.
-current status: junior synonym of *Olfersia* Leach, 1817 [test* Guimarães (1968: 7)].
-family: hippoboscidae.

110. Pterellipsis Coquillett, 1899i: 333.
-originally included species: *Pterellipsis aranea* Coquillett, 1899i.
-type species: *Pterellipsis aranea* Coquillett, 1899i, by original designation.
-family: hippoboscidae.

111. Ptilomyia Coquillett, 1900f: 261.
-originally included species: *Ptilomyia enigma* Coquillett, 1900f.
-type species: *Ptilomyia enigma* Coquillett, 1900f, by original designation.
-family: ephydridae.
[Rhodopselaphus] Coquillett, 1894a: 92.
CURRENT STATUS: Incorrect subsequent spelling of Rhabdopselaphus Bigot, 1886.
FAMILY: BOMBYLIIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

ORIGINALLY INCLUDED SPECIES: Roederiodes juncta Coquillett, 1901j.
TYPE SPECIES: Roederiodes juncta Coquillett, 1901j, by original designation.
CURRENT STATUS: Valid genus [teste Yang et al. (2007: 69)].
FAMILY: EMPIDIDAE.
REMARKS: Yang et al. (2007: 69) gave the method of type fixation as by monotypy but a check of Coquillett (1901j: 586) shows that Coquillett clearly designated Roederiodes juncta Coquillett, 1901j as type species by the statement “Type the following species”.

CURRENT STATUS: Incorrect subsequent spelling of Sarcophilodes Brauer & Bergenstamm, 1889.
FAMILY: SARCOPHAGIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

ORIGINALLY INCLUDED SPECIES: Corethra punctipennis Say, 1823.
TYPE SPECIES: Corethra punctipennis Say, 1823, by original designation.
CURRENT STATUS: Junior synonym of Chaoborus Lichtenstein, 1800 [teste Borkent (2014c: 473)].
FAMILY: CHAOBORIDAE.

[Scatophaga] Coquillett, 1895a: 7 [1898i: 335, 339; 1899e: 345; 1900f: 257; 1901d: 612; 1904c: 33].
CURRENT STATUS: Incorrect subsequent spelling of Scathophaga Meigen, 1803 or subsequent usage of Scatophaga Wiedemann, 1828.
FAMILY: SCATHOPHAGIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of Scathophaga Meigen, 1803 I have found in this study using the spelling “Scatophaga” is Scatophaga Wiedemann, 1828 as an unjustified emendation [teste Evenhuis & Pont (2013: 37)].

117. Sciasma Coquillett, 1897b: 69.
ORIGINALLY INCLUDED SPECIES: Sciasma nebulosa Coquillett, 1897b.
TYPE SPECIES: Sciasma nebulosa Coquillett, 1897b, by original designation.
CURRENT STATUS: Junior synonym of Catharosia Rondani, 1868 [teste O’Hara & Wood (2004: 212)].
FAMILY: TACHINIDAE.

118. Scutops Coquillett, 1904f: 97.
ORIGINALLY INCLUDED SPECIES: Scutops fascipennis Coquillett, 1904f.
TYPE SPECIES: Scutops fascipennis Coquillett, 1904f, by original designation.
CURRENT STATUS: Valid genus [teste Mathis & Rung (2011: 358)].
FAMILY: PERISCELIDIDAE.

119. Sinophthalmus Coquillett, 1904h: 190.
ORIGINALLY INCLUDED SPECIES: Sinophthalmus pictus Coquillett, 1904h.
TYPE SPECIES: Sinophthalmus pictus Coquillett, 1904h, by original designation.
CURRENT STATUS: Valid subgenus of Phortica Schiner, 1862 [teste Brake & Bächli (2008: 288)].
FAMILY: DROSOPHILIDAE.
120. Siphosturmia Coquillett, 1897b: 83.
ORIGINALLY INCLUDED SPECIES: *Argyrophylax rostrata* Coquillett, 1895i.
TYPE SPECIES: *Argyrophylax rostrata* Coquillett, 1895i, by original designation.
FAMILY: TACHINIDAE.

CURRENT STATUS: Incorrect subsequent spelling of *Spanipalpus* Townsend, 1908.
FAMILY: TACHINIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

121. Stenomicra Coquillett, 1900f: 262.
ORIGINALLY INCLUDED SPECIES: *Stenomicra angustata* Coquillett, 1900f.
TYPE SPECIES: *Stenomicra angustata* Coquillett, 1900f, by original designation.
CURRENT STATUS: Valid genus [*teste* Mathis & Rung (2011: 364)].
FAMILY: PERISCELIDIDAE.

[Stenopterina] Coquillett, 1900d: 25.
CURRENT STATUS: Incorrect subsequent spelling of *Senopterina* Macquart, 1835 or subsequent usage of *Senopterina* Agassiz, 1846.
FAMILY: PLATYSTOMATIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work. The earliest mention of *Senopterina* Macquart, 1835 that I have found in this study using the spelling “Stenopterina” is *Stenopterina* Agassiz, 1846 as an unjustified emendation [*teste* Evenhuis et al. (2016: 113)].

122. Stenoxenus Coquillett, 1899c: 61.
ORIGINALLY INCLUDED SPECIES: *Stenoxenus johnsoni* Coquillett, 1899c.
TYPE SPECIES: *Stenoxenus johnsoni* Coquillett, 1899c, by monotypy.
CURRENT STATUS: Valid genus [*teste* Borkent (2014a: 172)].
FAMILY: CERATOPOGONIDAE.

123. Stilbometopa Coquillett, 1899i: 336.
ORIGINALLY INCLUDED SPECIES: *Ornithomyia fulvifrons* Walker, 1849.
TYPE SPECIES: *Ornithomyia fulvifrons* Walker, 1849, by original designation.
CURRENT STATUS: Valid genus [*teste* Poole (1996: 174)].
FAMILY: HIPPOBOSCIDAE.
REMARKS: Bequaert (1965: 918) gave the method of type fixation as by monotypy, but this is incorrect. A check of Coquillett (1899i: 336) shows that he explicitly designated *Ornithomyia fulvifrons* Walker, 1849 as type species.

[Stratiomyia] Coquillett, 1895a: 6 [1898i: 308].
CURRENT STATUS: Incorrect subsequent spelling of *Stratiomyia* Geoffroy, 1762 or subsequent usage of *Stratiomyia* by Macquart (1838).
FAMILY: STRATIOMYIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Stratiomyia* Geoffroy, 1762 that I have found in this study using the spelling “Stratiomyia” is by Macquart (1838: 179) as an incorrect subsequent spelling [*teste* Evenhuis et al. (2016: 118)].
124. **Tachinopsis Coquillett, 1897b**: 120.
Originally included species: *Tachinopsis mentalis* Coquillett, 1897b.
Type species: *Tachinopsis mentalis* Coquillett, 1897b [= *Plagiospherysa parvipalpis* Wulp, 1890], by original designation.
Current status: Junior synonym of *Stomatomyia* Brauer & Bergenstamm, 1889 (subgenus of *Chetogena* Rondani, 1856) [*teste* O’Hara & Wood (2004: 148)].
Family: TACHINIDAE.

125. **Tetropsis Coquillett, 1910d**: 128.
Originally included species: *Tetropsis modesta* Coquillett, 1910d.
Type species: *Tetropsis modesta* Coquillett, 1910d [= *Leucostoma subopaca* Coquillett, 1897b], by original designation.
Current status: Junior synonym of *Euphyto* Townsend, 1908 [*teste* Pape (1996: 88)].
Family: SARCOPHAGIDAE.

[**Thelairia**] Coquillett, 1910c: 614.
Current status: Incorrect subsequent spelling of *Thelaira* Robineau-Desvoidy, 1830.
Family: TACHINIDAE.
Remarks: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

126. **Tinolestes Coquillett, 1906d**: 185.
Originally included species: *Tinolestes latisquama* Coquillett, 1906d.
Type species: *Tinolestes latisquama* Coquillett, 1906d, by original designation.
Family: CULICIDAE.
Remarks: Guimarães (1997: 94) gave the type species as *Tinolestes latisquama* Coquillett, 1906d by monotypy. A check of Coquillett (1906d) showed that *Tinolestes latisquama* Coquillett, 1906d was clearly indicated as the type species, so the designation is by original designation.

127. **Tomoplagnia Coquillett, 1910c**: 591, 615.
Type species: *Trypeta obliqua* Say, 1830, automatic [the same species for *Plagiotoma* Loew, 1873, by subsequent designation (Coquillett, 1910c: 591)]
Current status: New replacement name for *Plagiotoma* Loew, 1873; valid genus [*teste* Norrbom et al. (1999: 226)].
Family: TEPHRITIDAE.

128. **Traginops Coquillett, 1900e**: 429.
Originally included species: *Traginops irrorida* Coquillett, 1900e.
Type species: *Traginops irrorida* Coquillett, 1900e, by original designation.
Current status: Valid genus [*teste* Poole (1996: 202)].
Family: ODINIIDAE.

129. **Trixodes Coquillett, 1902d**: 201.
Originally included species: *Trixodes obesa* Coquillett, 1902d.
Type species: *Trixodes obesa* Coquillett, 1902d, by original designation.
Family: TACHINIDAE.

130. **Trochilodes Coquillett, 1903b**: 102.
Originally included species: *Trochilodes skinneri* Coquillett, 1903b.
Type species: *Trochilodes skinneri* Coquillett, 1903b, by original designation.
FAMILY: TACHINIDAE.

131. Velocia Coquillett, 1886c: 158.
ORIGINALLY INCLUDED SPECIES: Anthrax cerberus Fabricius, 1794.
TYPE SPECIES: Anthrax cerberus Fabricius, 1794, by original designation.
CURRENT STATUS: Preoccupied by Robineau-Desvoidy, 1863; junior synonym of Ligyra Newman, 1841 [testo Evenhuis & Greathread (1999: 400)].
FAMILY: BOMBYLIIDAE.

FAMILY: ULIDIIDAE.
REMARKS: Criteria to make this name available as an emendation were not found to be fulfilled in this work.

ORIGINALLY INCLUDED SPECIES: Zabrachia polita Coquillett, 1901j.
TYPE SPECIES: Zabrachia polita Coquillett, 1901j, by original designation.
CURRENT STATUS: Valid genus [testo Woodley (2001: 146)].
FAMILY: STRATIOMYIDAE.

133. Zacerata Coquillett, 1924: 64.
ORIGINALLY INCLUDED SPECIES: Zacerata asparagi Coquillett, 1924.
TYPE SPECIES: Zacerata asparagi Coquillett, 12924, by original designation.
CURRENT STATUS: Valid genus [testo Norrbom et al. (1999: 249)].
FAMILY: TEPHRITIDAE.

134. Zacompsia Coquillett, 1901b: 15.
ORIGINALLY INCLUDED SPECIES: Zacompsia fulva Coquillett, 1901b.
TYPE SPECIES: Zacompsia fulva Coquillett, 1901b, by original designation.
CURRENT STATUS: Valid genus [testo Poole (1996: 206)].
FAMILY: ULIDIIDAE.

135. Zagonia Coquillett, 1904c: 27.
ORIGINALLY INCLUDED SPECIES: Zagonia flava Coquillett, 1904c.
TYPE SPECIES: Zagonia flava Coquillett, 1904c, by original designation.
CURRENT STATUS: Valid genus [testo Poole (1996: 173)].
FAMILY: HELEOMYZIDAE.

ORIGINALLY INCLUDED SPECIES: Zapronius vittiger Coquillett, 1901i.
TYPE SPECIES: Zapronius vittiger Coquillett, 1901i, by original designation.
FAMILY: DROSOPHILIDAE.

Names Incorrectly Attributed to Coquillett

Eucorethra Underwood, 1903[7 August]: 182.
ORIGINALLY INCLUDED SPECIES: Eucorethra underwoodi Underwood, 1903.
TYPE SPECIES: Eucorethra underwoodi Underwood, 1903, by monotypy.

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It should be noted that, at the time Verrall made his remarks about Philhelius (1910e) indicated. Johnson (1913: 67) used the species-group name was intended to be named in his honor by Coquillett. Some works have treated Coquillett’s subsequent publication of Eucorethra (Coquillett, 1903f [3 October]) as a junior primary homonym, but Coquillett was careful to indicate the correct authorship and indicated the publication by Underwood (1903) in a footnote, thus Eucorethra in Coquillett’s (1903f) was merely a subsequent usage and not a new genus description. Coquillett (1910c) also correctly indicated the authorship and date of Eucorethra as Underwood (1903).

Philhelius Stephens, 1841: 201.

Originally included species: Syrphus ornatus Meigen, 1822.

Type species: Syrphus ornatus Meigen, 1822, by monotypy.


Family: SYRPHIDAE.

Remarks: In his corrections to his “paper on type species of the North American Diptera genera”, Coquillett (1910e) inserted Philhelius Stephens, 1841, designated Musca citrofasciata De Geer, 1776 as the type, and gave Xanthogramma Schiner, 1860 as a synonym. The name Philhelius in Stephens (1841: 201) has been considered a nomen nudum [e.g., Verrall (1901: 448), Sherborn (1929: 4901);] there is no description and there only is one species-group name listed without authorship (ornatus), which has also been considered a nomen nudum. Subsequent workers have treated Philhelius as unavailable from Stephens (1841), but available from Coquillett (1910e) [e.g., Wirth et al. (1965: 569)], did not list the Stephens citation but only list the name under Coquillett (1910e) [e.g., Peck (1988: 50), Poole (1996: 269), Vockeroth (1969: 90), Yang & Cheng (1998: 159)], or only listed the Stephens name as a nomen nudum and did not list the Coquillett name [Neave (1940: 709)]. However, although there is no author name behind the specific name, it is clear that the species Stephens placed in his Philhelius is actually Syrphus ornatus Meigen, 1822, which is a common species found in England. Stephens (1829: 286) listed the same species in his previous list of British insects and it is in the same general placement of genera there as it is in his 1841 list (it is the only ornatus in both lists so there can be no ambiguity of the identity). Verrall’s (1901) discussion remarked that Stephens had a good eye for genera and that he had made “our two [sic] species as representatives of a new genus”, but added that Philhelius was merely a catalog name and had no validity. Verrall (1901: 448) clearly knew the identity of the species (ornatus) that Stephens had placed against the new genus-group name and was treating that very species in the pages of his work (Verrall 1901: 447–448) where his note about Philhelius appeared. Verrall was not saying the Philhelius was unavailable because the species was a nomen nudum. He was claiming the genus-group name was unavailable because it was a “catalogue name” [= had no characters defining it]. [NB: Curiously, Verrall in Scudder (1882: 258) listed Philhelius Stephens as an available name with Xanthogramma as a synonym. Some change of mind must have transpired in the intervening 20 years.] Still, there are other generic names made available in lists such as this where only specific names without authorship are included in new genus-group names, but where it could be deduced which previously described species was intended. Syrphus ornatus is the type species of Xanthogramma Schiner, 1860, which makes Philhelius Stephens, 1841 an objective senior synonym of it as Coquillett (1910e) indicated. Johnson (1913: 67) used Philhelius in the same sense as Coquillett (1910c) by treating Xanthogramma as a junior synonym of it; and Winn & Beaulieu (1915: 135) also
listed *Philhelius* with Stephens as the author. The name *Philhelius* Stephens, 1841 has not appeared in the literature as a valid taxon since Coquillett (1910e); and Sherborn (1929) declared it a *nomen nudum* in his *Index Animalium*. I have not deduced the actual impact of a name change back to *Philhelius*, but, if it is found that there is a threat to stability, an application to the ICZN Commission to suppress *Philhelius* Stephens, 1841 may be warranted. Reversal of precedence (ICZN Code Art. 23.9) cannot be invoked in this case due to the fact that *Philhelius* Stephens, 1841 has been used as a valid taxon since 1899.

### List of Diptera Genus-Group Names of Coquillett by Family

Format of typeface of families below follows that of the catalog.

**Anthomyiidae:** *Pycnoglossa*.

**Asilidae:** *Dioctrodes; Efferia; Metapogon*.

**Bibionidae:** *Bibiodes; [Bibioides]*.

**Bombyliidae:** *Aldricia; Amphicusmus; [Argyramoeba]; [Argyramoebe]; Eucessia; Exepacmus; Exoptata; Geminaria; Mancia; Metacosmus; [Onchodocera]; [Rhodopselaphus]; Velocia*.

**Brachystomatidae:** *Boreodromia; [Boreomyia]*.

**Calliphoridae:** *Chrysomyia; [Cynomyia]; [Phalacromyia]; [Phalacromyja]; [Phenetia]*.

**Carnidae:** *Hemeromyia*.

**Cecidomyiidae:** *[Diathromyia]; Neocerata*.

**Ceratopogonidae:** *Stenoxenus*.

**Chamaemyiidae:** *Pseudodinia*.

**Chaoboridae:** *Hemeromyia*.

**Chironomidae:** *Eutanyus*.

**Chloropidae:** *Ceratobarys*.

**Culicidae:** *Cacomyia; Gymnometopa; Isostomyia; Lepadoplats; Lepidosia; [Magarhinus]; Micraedes; Nototrichia; Tinoletes*.

**Diastatidae:** *Calopterella*.

**Drosophilidae:** *Cladochaeta; Pseudiastata; Sinophthalmus; Zaprionus*.

**Empididae:** *Empimorpha; Metachela; Neocota; Neoplasta; Roederiodes*.

**Ephydridae:** *Nostima; Lipochaeta; Paratissa; Parephydra; Ptilomyia*.

**Fannidae:** *Parhomalomyia*.

**Heleomyzidae:** *Achaetomus; [Aecothea]; [Blepharoptera]; Parodinia; Zagonia*.

**Hippoboscidae:** *Aspidoptera; Metalasmus; [Ornithomyia]; Pseudolfersia; Pterellipsis; Stilbometopa*.

**Hybotidae:** *Euhybus*.

**Keroplaticidae:** *Ceroplatus; [Hesperodes]*.

**Lonchaeidae:** *Arctobiella; [Dasiopa]*.

**Milichiidae:** *Eusiphona; [Platophryma]*.

**Muscidae:** *Centrocerca; [Cyrtooneura]; [Graphomyia]; [Hyetodesia]; [Lispa]; Opsolasia; Paraspilogaster*.

**Mydidae:** *Apopomidas*.

**Mythicomyiidae:** *Mythicomyia; [Mythiocomyia]*.

**Odonniidae:** *Traginops*.

**Opomyzidae:** *Mutiloptera*.

**Pediciidae:** *Ornithodes*.

**Periscelididae:** *Scutops; Stenomicra*.

**Phorididae:** *Apocephalus; Pseudacteon*.

**Platystomatidae:** *[Stenoporterina]*.

**Psychodidae:** *[Flebotomus]*.
COQUILLETT DIPTERA GENERA

Index of Diptera Species-Group Names Proposed by Coquillett

The following list contains all Diptera species-group names proposed by Coquillett. Available names are indicated by plain roman typeface; unavailable names are in italics. Secondary publications (e.g., subsequently reprinted versions) where new taxa are again proposed and annotations with clarifications of data are placed in square brackets [ ] after the original year and page.

Note: The authorship of *Brachycoma davidsoni* is changed here to Davidson & Coquillett in Coquillett, 1894 because both Davidson and Coquillett gave characters to differentiate and thus fulfill the requirements of authorship of the new taxon.

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scitula, Eurycnemus, 1901d: 608
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stylata, Rhamphomyia, 1895n: 432
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tenebrosa, Phronia, 1904h: 170
tenebrosa, Tanybus, 1905c: 66
tenebrosa, Tephritis, 1899j: 264
tenebrosa, Tipula, 1900i: 403 [1904i: 17]
tenebrosa, Bibio, 1898i: 307
tenebrosa, Ceratopogon, 1905c: 64
tenebrosa, Platycheirus, 1900: 428 [1904i: 42]
tenebrosa, Stenopogon, 1904d: 33
tenebrosa, Tabanus, 1898i: 310
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tricolor, Metadexia, 1899g: 220
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usitata, Clausicella, 1897b: 56
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virgatum, Simulium, 1902c: 97
virgatus, Dacus, 1909c: 13
virgatus, Helophilus, 1898i: 326
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References

Agassiz, L. (1846) Nomenclatoris zoologici index universalis, continens nomina systematica classium, ordinum, familiarum et generum animalium omnium, tam viventium quam fossilium, secundum ordinem alphabeticum unicum disposita, adjectis homonymiis plantarum, nec non variis adnotationibus et emendationibus. [= Fasc. XII]. “1847”. Jent & Gassman, Soloduri [= Solothurn, Switzerland], viii + 393 pp. [29 December]
[For dating see Evenhuis (1997: 50–52).]
Anonymous (1883) [Social and Personal]. Sacramento Daily Union, 17 (55)(25 April), [unpaginated]. [25 April]
Anonymous (1889) Scientists organize. Los Angeles Herald, 1891(17 November), 4. [17 November]
Anonymous (1893b) Doings of grain and fruit growers. Hot resolutions passed. Southern California Pomological Society and Farmers’ Institute close their labors. The Morning Call (San Francisco), 1893 (4 November), 2. [4 November]
Anonymous (1895a) Index. Transactions of the American Entomological Society, 22, i–viii. [December]
[Date of transmittal.]
Anonymous (1909b) Coquillett suit to be a sensation. Court orders entomologist to support wife pending settlement. The Washington Times, 1909, 15 (February)

viridis, Ceratopogon, 1901d: 607
viridis, Eristalis, 1898i: 326
viridis, Lampropilis, 1895n: 395
viridula, Agromyza, 1902f: 190
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vittata, Phorida, 1901d: 618
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willistoni, Euxesta, 1900d: 24
willistoni, Lycastirihynchia, 1902d: 196
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zona, Gymnodexia, 1895m: 315
Washington, 13, 196–210. [28 December]

[Although no author is signed to this paper, authorship is deduced from the minutes of the special meeting held by the Entomological Society of Washington at hearing of Coquillett's death, which was printed on the page preceding the biography.]


[For dating, see Evenhuis (2008).]


[For dating, see Evenhuis (2003b).]


[For dating, see Evenhuis (2003b).]

Bigot, J.M.F. (1887) [Diagnoses de quelques espèces nouvelles de diptères.] *Bulletin Bimensuel des Séances de la Société Entomologique de France*, 1887 (16), cxxxix–cxlili. [18 September]

[For dating, see Evenhuis (2003b).]


https://doi.org/10.4039/Ent11739-1


https://doi.org/10.11646/zootaxa.3796.3.3


https://doi.org/10.11646/zootaxa.3796.3.4


[For dating, see Evenhuis (2014).]


https://doi.org/10.4039/Ent11739-1


https://doi.org/10.1111/j.1876-3128.1893.tb55411.x


[This volume was announced as “recently” published in the at the 9 January 1890 meeting of the Akademie. Because of the “1889” date on the journal and because there were no meetings between 19 December 1889 and 9 January 1890, I treat this volume of the as published after 19 December but within 1889. See Evenhuis (2014) for details.]


https://doi.org/10.1155/1965/5622


[For dating, see Evenhuis (2014).]


https://doi.org/10.5962/bhl.part.5622


https://doi.org/10.1155/1965/29703

Casey, T.L. (1899) Coquillett diptera genera. *Zootaxa* 4381 (1) © 2018 Magnolia Press · 65


https://doi.org/10.1163/187631281794709818

https://doi.org/10.5962/bhl.title.87519

https://doi.org/10.4039/Ent35189-7

https://doi.org/10.4039/Ent35255-9

https://doi.org/10.4039/Ent35272-10

Coquillett, D.W. (1903g) Description of a new species of Oligotrophus from India. Indian Museum Notes, 6 (1), 1. [After October]
[Date of preface.]

https://doi.org/10.4039/Ent35310-11

[Date of receipt at ANSP library.]

[Republication of original description by Coquillett in 1901.]

https://doi.org/10.5962/bhl.title.87519

[Date of receipt at ANSP library.]


[A reprinting of Coquillett’s 1900 paper on this subject in the Proceedings of the Washington Academy of Sciences with a one-page introduction containing a corrigenda and new information since the 1900 paper.]

[Date of receipt at ANSP library.]

https://doi.org/10.5962/bhl.title.87519


https://doi.org/10.5962/bhl.title.87519

https://doi.org/10.5962/bhl.title.87519

[Date of receipt at ANSP library.]


Coquillett, D.W. (1906c) Five new Culicidae from the West Indies. The Canadian Entomologist, 38, 60–62. [5 February]
https://doi.org/10.5962/bhl.title.87519


[Date of letter of transmittal.]
https://doi.org/10.5962/bhl.title.87519
Macquart, P.J.M. (1840) *Diptères exotiques nouveaux ou peu connus. Tome deuxième. 1re Partie.* N.E. Roret, Paris, 135 pp., 21 pls. [31 December]*

[The journal version in the Mémoires de la Société Royale des Sciences, de l’Agriculture et des Arts, de Lille, 1840, 283–413 came out on 7 April 1841; see Evenhuis (1997: 513) for dating. Evidence for the issuance of this separate in 1840 aside from the “1840” on the title page is that it was included in the reviews of entomological literature for 1840 in Archiv für Naturgeschichte.]


[The journal version in the Mémoires de la Société Royale des Sciences, de l’Agriculture et des Arts, de Lille, 1842, 162–460 came out on 5 August; see Evenhuis (1997: 513) for dating.]

https://doi.org/10.5962/bhl.title.15792


[See Evenhuis (1997: 514) for dating.]


https://doi.org/10.3897/zookeys.363.6482


[For dating see Evenhuis & Pape (2017: 67).]

https://doi.org/10.5962/bhl.title.119764


[Dated from Evenhuis (1997: 476).]


[Dated from Evenhuis (1997: 476).]


[Date of the Vorrede. Pages 362–368 are misprinted as 562–568.]

Meigen, J.W. (1826) *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten. Fünfter Theil.* Schulz, Hamm, xii + 412 pp., pls. 42–54. [after 1 August]

[Date of preface.]


[Date of advertisement bound at the back of the work with the index. There appear to be two printings of this work. The original printing has roman numeralized prefatory pages only up to page iv. Other editions have an extra 8-page signature of pages v–xi.]


[Date recorded in Allgemeine Bibliographie für Deutschland No. 38.]


https://doi.org/10.1093/aesa/11.2.183

Mik, J. (1881) Dipterologische Mitteilungen. I. Ueber einige Dipteren aus der Sammlung Dr. Emil Gobert’s in Mont-de-Marsan. *Verhandlungen der Zoologische-Botanischen Gesellschaft in Wien*, 30 (2) [1880], 587–610. [5 May]

[Dated from receipt at the Akademie der Wissenschaften in Wien.]

Miller, R.M. (1976) *The taxonomy and biology of the Nearctic species of Homoneura (Diptera: Lauxaniidae).* Doctoral
COQUILLETT DIPTERA GENERA

Zootaxa 4381 (1) © 2018 Magnolia Press
APPENDIX I. Bibliography of Works by Daniel William Coquillett

The works listed here are gleaned from a number of sources and, despite my best attempts, some of the earlier works and newspaper articles listed here but quoted from elsewhere have not been verified through personal examination or the verification of others and are marked with an asterisk (*). Although it is likely that more small notes exist in various California newspapers dating from the 1880s and 1890s, I list here all those I have been able to find during this study using existing resources.

1876
[A 1917 review in The Oologist 34: 135–136 states that there were only two known copies at the time. Coquillett had apparently given one copy to his USNM colleague, A.N. Caudell, which was the source for this review.]

1879
*Currant borers. The Germantown Telegraph (Philadelphia), 49.
*Currant borers. Crawford Avalanche (Grayling, Michigan), 1879(16 July), 3. [16 July]
[Reprint of original article in The Germantown Telegraph.]

1880
*The American lackey moth, Clisiocampa americana. The Germantown Telegraph (Philadelphia), 50(9) [28 February]
*The locust-tree borer, Xyleutes robinae: its natural history and means for its destruction. The Germantown Telegraph (Philadelphia), 50(12) [20 March]
On the early stages of some moths. The Canadian Entomologist, 12, 43–46. [March]
On describing larvae. The Canadian Entomologist, 12, 108. [May]
*Grape-rot and mildew. The Germantown Telegraph (Philadelphia), 50. [31 December+]}

1881
*Wood-eating beetles. The Germantown Telegraph (Philadelphia), 51(8). [19 February]
Description of the larva of Teras permutana. Papilio, 1, 30. [19 February]
Grape-rot and mildew. The Comet (Jackson, Mississippi), 4 (17), 4. [26 February]
[Reprint of original article, 1880, in the The Germantown Telegraph.]
On the early stages of Plusia precoctionis Guénée. The Canadian Entomologist, 13, 21–23. [February]
*Bark-lice. The Germantown Telegraph (Philadelphia), 51(10). [5 March]
Notes and descriptions of a few lepidopterous larvae. Papilio, 1, 56–57. [26 April]
1882
A correction. *The Canadian Entomologist*, 14, 60. [March]

1883

1885
*Observations on grasshopper attacks*. *Anaheim Gazette*, 1885(26 July) [26 July]
The grasshopper visitation. *Pacific Rural Press*, 1885(1 August), 89. [1 August]
Systematic position of the genus *Apiocera*. *Psyche*, 4, 243–244. [4 August]

1886
[Also reprinted separately, 1886, labeled as “Author’s edition”, 17 pp.]
Production and manufacture of buhach. *United States Department of Agriculture, Division of Entomology Bulletin*, 12, 7–16. [31 December+]
Experiments with cottony cushion scale. *Pacific Rural Press*, 1886(14 August), 130. [14 August]
*[Remedies for cottony-cushion scale]. *Los Angeles Times*, 1886.

1887
The red scale and the gas remedy. *Pacific Rural Press*, 1887(9 April), 318. [9 April]
[Letter of transmittal dated 15 November 1886.]
Monograph of the species belonging to the genus *Anthrax* from America north of Mexico. *Transactions of the American Entomological Society*, 14, 159–182. [October]
*[Computation for length of gas treatment should be credited to Mr. Morse]. *Los Angeles Herald*, 1887. [31 December+]

1888
[Also reprinted separately, 1888, labeled as “Author’s edition”, 17 pp.]
1889
The scale destroyer. Pacific Rural Press, 1889(5 January), 4. [5 January]
Notes on Acrididae in Los Angeles, Cal. Insect Life, 1, 228–229. [January]
Hydrocyanic acid gas treatment for scale insects. Insect Life, 1, 286 [March]
A beetle pest which is now threatening the prune trees. Daily Alta California, 1889(2 June), 9. [2 June]
Farm and Orchard. The best remedy of destroying locusts. Sacramento Daily Record-Union, 1889(22 June), 3. [22 June]
The Australian lady-bird. Insect Life, 1: 377. [June]
Application to prevent Icerya from ascending trees. Insect Life, 1, 378. [June]
New food-plant and enemy of Icerya. Insect Life, 2, 49. [August]
*Resin wash for the red scale. Orange News, 1889(11 September) [11 September]
Red scale parasite. California Fruit Grower, 1889(21 September), 3. [21 September]
Wash for the red orange scale. Pacific Rural Press, 1889(21 September), 247. [21 September]
The imported Australian lady-bird, Vedalia cardinalis. Insect Life, 2, 70–74. [September]
The mealy bugs of the United States. West American Scientist, 6, 121–123. [October]
The gas process for scale insects. Insect Life, 2, 122. [October]
How the resin wash kills. Rural Californian, 12(12), 582. [December]

Insect pests and their extermination—injurious insects and remedies, pp. 13–18. In: Lelong, B.M. (Ed.), Official report of the Eleventh Fruit Growers’ Convention of the State of California, held under the auspices of the State Board of Horticulture, at National City, San Diego County, commencing Tuesday, April 16, and ending Friday, April 18, 1889. J.D. Young, State Printer, Sacramento, 161 pp. [31 December+]

1890
The use of hydrocyanic acid gas for the destruction of the red scale. Insect Life, 2, 202–207. [February]
The dipterous parasite of Diabrotica soror. Insect Life, 2, 233–236. [February]
A curious case of insect litigation. Insect Life, 2, 252–253. [February]
Food of the Scydmaenidae. Insect Life, 2, 278. [March]
The Vedalia cardinalis. The Planters’ Monthly, 9, 244–246. [June]
The new scale remedy. California Fruit Grower, 1890(22 February), 119. [22 February]
*The San José scale. Weekly Blade (Santa Ana), 1890(6 March), 6 [March]
Hydrocyanic-acid gas for red scale. Scientific American Supplement, 752, 108. [31 May]
[Lestophonus] Insect Life, 2, 377–378. [June]
Fumigation for scale-insects. Insect Life, 3, 72. [September]
The cypress twig borer (Argyresthia cupresella Wism.). Insect Life, 3, 116–117. [November]
*Scale-eaters at the South. Pacific Rural Press, 1890(8November). [8 November]
*Concerning laws relating to insect pests. The Rural Californian, 1890. [December]
*Another foe of the Icerya. Pacific Rural Press, 1890(27 December). [27 December]
New coccids from California and one of their chalcid parasites. West American Scientist, 7, 43–45. [September]
*Report on various methods for destroying the red scale of California. United States Department of Agriculture, Division of Entomology Bulletin, 22, 9–18. [after January]

[Date of letter of transmittal from C.V. Riley.]

1891
A new Rhaphiomidas from California. West American Scientist, 7, 84–86. [January]

[Date of letter of transmittal from C.V. Riley.]
This is the preprint version of the journal version, 1891, in West American Scientist, 7, 254–264. [October].
Variations in the braconid genus Lysiphlebus. Insect Life, 3, 313–315. [April]
Another parasitic rove beetle. Insect Life, 3, 318–319. [April]

[Date of letter of transmittal is 30 December 1890.]
A new scale insect from California. Insect Life, 3, 382–384. [June]
The California peach-tree borer. Insect Life, 3, 392–393. [June]
New Bombyliidae from California. West American Scientist, 7, 197–200. [August]
History of the hydrocyanic acid gas treatment for destroying scale insects. Insect Life, 3, 457–460. [August]
Prof. Riley on the history of the gas treatment. Pacific Rural Press, 1891(19 September), 245. [19 September]
New Bombyliidae of the genus Paracrusmus. West American Scientist, 7, 219–222. [September]
[Published simultaneously, 1891, in Science and Horticulture, 15(5), 219–222.]
Predaceous habit of Histeridae. Insect Life, 4, 76. [October]
A California thrips on the potato. Insect Life, 4, 79. [October]
*Some pests of the horticulturist. The Rural Californian, 1891(December). [December]

[An reprinting of the 1889 paper of the same title.]

1892
Revision of the bombyliid genus Epacmus (Leptochilus). The Canadian Entomologist, 24, 9–11. [14 January]
Report upon scale insects of California. United States Department of Agriculture, Division of Entomology Bulletin, 26, 13–35. [after 3 January]

[Date of letter of transmittal from C.V. Riley.]

[Date of letter of transmittal from C.V. Riley.]
Mr. Koebele’s mission. Pacific Rural Press, 1892(6 February), 125. [6 February]
Notes on the habits of some California Coleoptera. Insect Life, 4, 260–262. [March]
Red scale parasite. Pacific Rural Press, 1892(9 April), 328. [9 April]
Notes and descriptions of Bombyliidae. The Canadian Entomologist, 24, 123–126. [28 April]
A new Dalmannia from California. Entomological News, 3, 150–151. [27 May]
A new fumigator for scale-insects. Insect Life, 4, 328–329. [June]
The dipterous parasite of Melanoplus devastator in California. Insect Life, 5, 22–24. [September]
Prof. Coquillett dissents. Pacific Rural Press, 1892(19 November), 420. [19 November]
Revision of the species of Anthrax from America north of Mexico. Transactions of the American Entomological Society, 19, 168–187. [July]

1893


Synopsis of the asilid genus *Diocria*. *The Canadian Entomologist*, 25, 80. [28 February]


[Date of letter of transmittal from C.V. Riley.]

Synopsis of the asilid genera *Malllophora* and *Nicocles*. *The Canadian Entomologist*, 25, 118–120. [18 May]


[Date of receipt at ANSP library.]


On the pollination of *Yucca whipplei* in California. *Insect Life*, 5, 311–314. [July]


Prof. Coquillett in charge. *Los Angeles Herald*, 1893 (22 August), 5. [22 August]


The Department of Agriculture withdraws Coquillett and Koebele. *Pacific Rural Press*, 1893 (14 October), 264. [14 October]

Prof. Coquillett's handy pins. The disappearance of the Australian bugs accounted for. *Los Angeles Herald*, 1893 (28 October), 5. [28 October]


Hydrocyanic acid gas as an insecticide. *Insect Life*, 6, 176–180. [December]

1894


[Date of letter of transmittal from C.V. Riley.]

The San José scale in Virginia. *Insect Life*, 6, 253–254. [February]

Preliminary report on suppressing the San José scale in Virginia. *Insect Life*, 6, 324–326. [May]

The patent on the hydrocyanic-acid gas process declared invalid. *Insect Life*, 7, 257–258. [December]

1895


A cecidomyiid that lives on poison oak. *Insect Life*, 7, 348. [March]


Canker-worms. *United States Department of Agriculture, Division of Entomology Circular, (Second Series)* 9, 4 pp. [after 24 May]

[Date of letter of transmittal.]

Two dipterous leaf-miners in garden vegetables. *Insect Life*, 7, 381–384. [July]

Two dipterous insects injurious to cultivated flowers. *Insect Life*, 7, 399–402. [July]

A new wheat pest (*Sciara tritici* n. sp.). *Insect Life*, 7, 406–408. [July]


Notes and descriptions of Tachinidae. *Journal of the New York Entomological Society*, 3, 49–58. [September]


[Preprints distributed in late 1895; the journal version came out on 25 May 1896.]

1896


[Date of letter of transmittal.]


1897

The walnut span worm. *United States Department of Agriculture, Division of Entomology, Bulletin*, (New Series) 7, 64–66. [after 7 January]

[Date of letter of transmittal.]


[Date of letter of transmittal; according to the Catalog of Public Documents of the Government of the United States for July 1, 1897 to June 30, 1899, a new index was printed (pp. 149–156) to replace the original incomplete index.]


1898


The buffalo-gnats, or black-flies, of the United States. [A synopsis of the dipterous family Simuliidae.] *United States Department of Agriculture, Division of Entomology, Bulletin* (New Series) 10, 66–69. [early January]

[Date of letter of transmittal is 15 December 1897, but year on cover is 1898.]

On the habits of the Oscinidae and Agromyzidae, reared at the United States Department of Agriculture. *United States Department of Agriculture, Division of Entomology, Bulletin*, (New Series) 10, 70–79. [early January]

[Date of letter of transmittal is 15 December 1897, but year on cover is 1898.]


Synopsis of the asilid genus *Oxyriocerus*. *Entomological News*, 9, 37. [31 January]

[Date of receipt at ANSP library.]


Description of some lepidopterous larvae. *Journal of the New York Entomological Society*, 6, 249–250. [December]

1899
A cecidomyiid injurious to seeds of sorghum. United States Department of Agriculture, Division of Entomology, Bulletin, (New Series) 18[1898], 81–82. [7 January]

[For dating see Coulson et al. (1965: 1183).]

Description of a new Psilopa. The Canadian Entomologist, 31: 8. [18 January]

A new dipterous family related to the Chironomidae. Entomological News, 10, 60–61. [4 March]


[Date of receipt at ANSP library.]


[From Evenhuis (1997: 400).]

Order Siphonaptera, pp. 346. [After 20 February]

A new trypetid from Hawaii. Entomological News, 10, 60–61. [4 March]


Description of a new parasitic tachinid fly from Ceylon. Indian Museum Notes, 4, 279. [9 February].


Notes and descriptions of Trypetidae. Journal of the New York Entomological Society, 7, 259–268. [December]

1900

Two new cecidomyians destructive to buds of roses. United States Department of Agriculture, Division of Entomology, Bulletin, (New Series) 22, 44–48. [early January]

[Date of letter of transmittal is 16 November 1899, but year on cover is 1900.]

A new violet pest. (Diplosis violicola n. sp.). United States Department of Agriculture, Division of Entomology, Bulletin, (New Series) 22, 48–51. [early January]

[Date of letter of transmittal is 16 November 1899, but year on cover is 1900.]


[Date of letter of transmittal.]


[Date of receipt at ANSP library.]


[Date of letter of transmittal.]


1901

[Some insects of the Hudsonian Zone in New Mexico.—II.] Diptera. Psyche, 9, 149–150. [1 January]


[Date of receipt at ANSP library.]

Three new species of Diptera. Entomological News, 12, 16–18. [2 January]

[Date of receipt at ANSP library.]


Descriptions of three lepidopterous larvae. Journal of the New York Entomological Society, 9, 85–86. [June]


*Culex sobrinus* again. *The Canadian Entomologist*, 35, 218. [1 August]


Description of a new species of *Oligotrophus* from India. *Indian Museum Notes*, 6 (1), 1. [after October]

[Date of preface.]


A new ephydrid from Australia. *Entomological News*, 14, 324. [6 December]

[Date of receipt at ANSP library.]


[Republication of original description by Coquillet in 1901.]

1904


[Date of receipt at ANSP library.]


Diptera from southern Texas, with descriptions of new species. *Journal of the New York Entomological Society*, 12, 31–35. [March]

A new *Ceratopogon* from Brazil. *Journal of the New York Entomological Society*, 12, 35. [March]


New Diptera from India and Australia. *Proceedings of the Entomological Society of Washington*, 6, 137–140. [30 July]


[A reprinting of Coquillett’s 1900 paper on this subject in the *Proceedings of the Washington Academy of Sciences* with a one-page introduction containing a corrigenda and new information since the 1900 paper.]

1905


[Date of receipt at ANSP library.]


A new subapterous tipulid from New Mexico. *The Canadian Entomologist*, 37, 347. [30 September]


1906


[Date of letter of transmittal.]

[Letters]: Dr. Dyar’s square dealings. *Entomological News*, 17, 224. [June]


A new *Tabanus* related to *punctifer*. *Entomological News*, 17, 48. [2 February]

[Date of receipt at ANSP library.]

Five new Culicidae from the West Indies. *The Canadian Entomologist*, 38, 60–62. [5 February]

1907

Notes and descriptions of Hippoboscidae and Streblidae. *Entomological News*, 18, 290–292. [July]


Discovery of blood-sucking Psychodidae in America. *Entomological News*, 18, 101 [March]

1908

Doctor Dyar’s criticism of “Mosquito Life”. *The Canadian Entomologist*, 40, 81 [6 March]


1909
[See Evenhuis et al. (1989: 843) for dating]
Rediscovery of the bibionid genus *Eupeitinus*. *Entomological News*, 20, 106. [5 March]
[Date of receipt at ANSP library.]
A new stratiomyid from Texas. *The Canadian Entomologist*, 41, 212. [7 July]

1910
Two new Trypetidae from China. *Entomological News*, 21, 308. [1 July]
[Date of receipt at ANSP library.]

1911

1924

**APPENDIX II. Taxa Named for Daniel William Coquillett**

Genus-Group Names—6

Diptera—4
*Coquillettia* Williston, 1896
*Coquillettidia* Dyar, 1905
*Coquillettina* Walton, 1915
*Coquilletomyia* Felt, 1908
*Coquilletomyiina* Mamaev, 1968

Hemiptera—1
*Coquillettia* Uhler, 1890

Hymenoptera—1
*Coquillettapis* Viereck, 1909

Species-Group Names—84

Coleoptera—4
*Aphodius coquilletti* Linell, 1896
*Eusattus coquilletti* Linell, 1899
*Gymnopyge coquilletti* Linell, 1896
*Leptura coquilletti* Linell, 1896

Diptera—51
*Ablautus coquilletti* Wilcox, 1935
*Agromyza coquilletti* Malloch, 1913
*Apocephalus coquilletti* Malloch, 1912
*Asilus coquilletti* Hine, 1909
*Bombylius coquilletti* Williston, 1899
Brevitrichia coquilletti Kelsey, 1969
Ceratopogon coquilletti Kiefer, 1917
Ceropsilopa coquilletti Cresson, 1922
Chaetoceratopus coquilletti Vimmer & Soukup, 1940
Chrysops coquilletti Hine, 1904
Criorhina coquilletti Williston, 1892
Cyrtophloeoba coquilletti Aldrich, 1926
Diamesa coquilletti Sublette, 1966
Diedea coquilletti Williston, 1891
Dolichopus coquilletti Aldrich, 1893
Dynamosa coquilletti Landrock, 1918
Erax coquilletti Hine, 1919
Euhybus coquilletti Melander, 1928
Hypaspistomyia coquilletti Hendel, 1907
Janthinosoma coquilletti Theobald, 1907
Laphria coquilletti McAtee, 1919
Lauxania coquilletti Hendel, 1908
Lepidanthrax coquilletti Evenhuis & Greathead, 1999
Leschenaultia coquilletti Toma & Guimarães, 2002
Lithocosmus coquilletti Cockerell, 1909
Melangyna coquilletti Sedman, 1965
Mutitropeura coquilletti Hende, 1917
Neopogon coquilletti Bezzi, 1910
Phthiria coquilletti Johnson, 1902
Phytoirsmya coquilletti Spencer, 1986
Pipunculus coquilletti Kertész, 1907
Platypalpus coquilletti Melander, 1924
Proctacanthus coquilletti Hine, 1911
Pseudawatha coquilletti Aldrich, 1921
Pseudomyiospila coquilletti Vimmer, 1939
Rivellia coquilletti Hendel, 1914
Saropogon coquilletti Back, 1909
Scaptomyza coquilletti Wheeler & Takada, 1966
Stilobezzia coquilletti Kiefer, 1917
Surcofia coquilletti Kröber, 1922
Synoris coquilletti Aldrich, 1926
Syrphus coquilletti Goot, 1964
Tabanus coquilletti Shiraki, 1918
Tipula coquilletti Enderlein, 1912
Tipula coquillettiana Alexander, 1924
Trichopithecus coquilletti Malloch, 1920
Uranotaenia coquilletti Dyar & Knab, 1906
Villa coquilletti Painter, 1965
Xylota coquilletti Hervé-Bazin, 1914
Zaphne coquilletti Griffiths, 1998
Zenillia coquilletti Aldrich & Webber, 1924

Hemiptera—4
Deltocephalus coquilletti Van Duzee, 1890
Heranews coquilletti Barber, 1914
Telamonia coquilletti Goding, 1894
Thamnotettix coquilletti Van Duzee, 1890

Hymenoptera—20
Prosapis coquilletti Cockerell, 1896
Nomada coquilletti Cockerell, 1903
Pomphilus coquilletti Provancher, 1887
Tachysphex coquilletti Rohwer, 1911
Amauronematus coquilletti Marlatt, 1896
Aphycus coquilletti Howard, 1898
Ashmeadiella coquilletti Titus, 1904
Coelioxys coquilleti Crawford, 1914
Sciapteryx coquilletti Rohwer, 1912
Pseudomasaris coquilletti Rohwer, 1911
Encarsia coquilletti Howard, 1895
Entedon coquilletti Riley, 1889
Gorytes coquilletti Fox, 1895
Meteorus coquilletti Ashmead, 1889
Psen coquilletti Rohwer, 1910
Signiphora coquilletti Ashmead, 1899
Stigmus fulvipes coquilletti Rohwer, 1917
Temelucha coquilletti Dasch, 1979
Trichoteras coquilletti Ashmead, 1897
Triepeolus coquilletti Cockerell, 1905

Lepidoptera—2
Acontia coquillettii Smith, 1900
Ethmia coquillettella Busck, 1907

Neuroptera—1
Brachynemurus coquilletti Currie, 1898

Orthoptera—2
Ligurotettix coquillettii McNeill, 1897
Trimerotropis coquillettii McNeill 1900

APPENDIX III. List of Works Treating Paracantha Coquillett, 1899f as a Valid Taxon

Twenty-five works by at least ten different authors in the last 50 years spanning no less than 10 years.