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Publication and Dating of Parts IV–VII of Brauer & Bergenstamm's *Die Zweiflügler des Kaiserlichen Museums zu Wien (1889–1894)*

NEAL L. EVENHUIS

Department of Natural Sciences, Bernice Pauahi Bishop Museum, 1525 Bernice Street, Honolulu, Hawai'i 96817-2704, USA.

E-mail: NealE@bishopmuseum.org

Abstract

Based on new evidence, the dates of publication of the journal and separate versions of parts IV–VII of Brauer & Bergenstamm's *Die Zweiflügler des Kaiserlichen Museums zu Wien* are given, correcting those dates previously published.

Key words: Dates of publication, zoology, Diptera

Introduction

Since the publication of the dates of publication of parts IV–VII of Friedrich Brauer and Julius Edler von Bergenstamm's *Die Zweiflügler des Kaiserlichen Museums zu Wien* in Evenhuis (1997), new evidence has been found that changes some of the earliest dates known, and in one case, changes the year. Errors in dating sources given in Evenhuis (1997) have also been found, which are corrected here. Due to the fact that there are no changes to the dating for parts I–III, which were authored solely by Brauer, these are not included here.

Background

In 1880, Friedrich Brauer, curator of the entomology section at the Kaiserlichen Museums zu Wien [now the Naturhistorisches Museum] began a series on the Diptera of that museum. He started with three volumes, authored by himself, that dealt with general items including the history of some of the important personal collections in the museum, some taxonomic studies of the lower families of Diptera, and a study of the larval forms of Diptera. Then, beginning with part IV, he began a series co-authored with Julius Edler von Bergenstamm on the higher Diptera excluding the Anthomyiidae [his "*Muscaria Schizometopa (exclusive Anthomyiidae)*"]. Four parts of this series on higher Diptera were published and are the subject of this dating study. The entire *Die Zweiflügler des Kaiserlichen Museums zu Wien* (hereinafter "*Die Zweiflügler*") comprises seven parts, published from 1880–1894 and is a major source of taxonomic information in that over 300 genus-group names of Diptera were proposed in those four parts. Research by others on these higher flies that were published the same year as these parts (e.g., Wulp, Townsend, Williston, etc.) requires that accurate dating be known for these four parts to ascertain priority between them and the other potentially conflicting works in order to resolve cases of synonymy and homonymy. All the parts of *Die Zweiflügler* were issued in both journal and separate versions. The separates have both the journal and separate pagination.

Dating research

Evenhuis (1997) provided dates of publication for each of the parts of *Die Zweiflügler* based on various sources, primarily notices in the recording journal *Naturae Novitates* and notices by the Akademie der Wissenschaften in

Wien. The notices in the Akademie were taken primarily from the *Sitzungsberichte*. However, after reviewing an early draft version of Kottelat (2013) containing the dating of some publications on fishes, I realized that the dates in the *Sitzungsberichte* that I used may not be accurate since notices of publications were not always made in that journal and sometimes there were delays in the notices. Another more frequent publication of the Akademie, the *Anzeiger*, was issued almost immediately after each meeting of the Akademie and gave information on the date that the Akademie's publications were presented at their meetings. With this new information and more accurate dating, I have researched all the dates once again resulting in changes from those given in Evenhuis (1997) in the dates of publication for the four parts of *Die Zweiflügler* including one with a change in year.

Additionally, a recheck of receipts in *Naturae Novitates* of the separately printed versions of *Die Zweiflügler* were made and errors in Evenhuis (1997) have been found that are corrected herein. Table 1 gives a breakdown of the corrected earliest dates of publication found for the separates of each part of *Die Zweiflügler* and date of publication of each journal version based on announcements at the meetings of the Akademie in the *Anzeiger*. In all cases but one, the journal version predates the separate version.

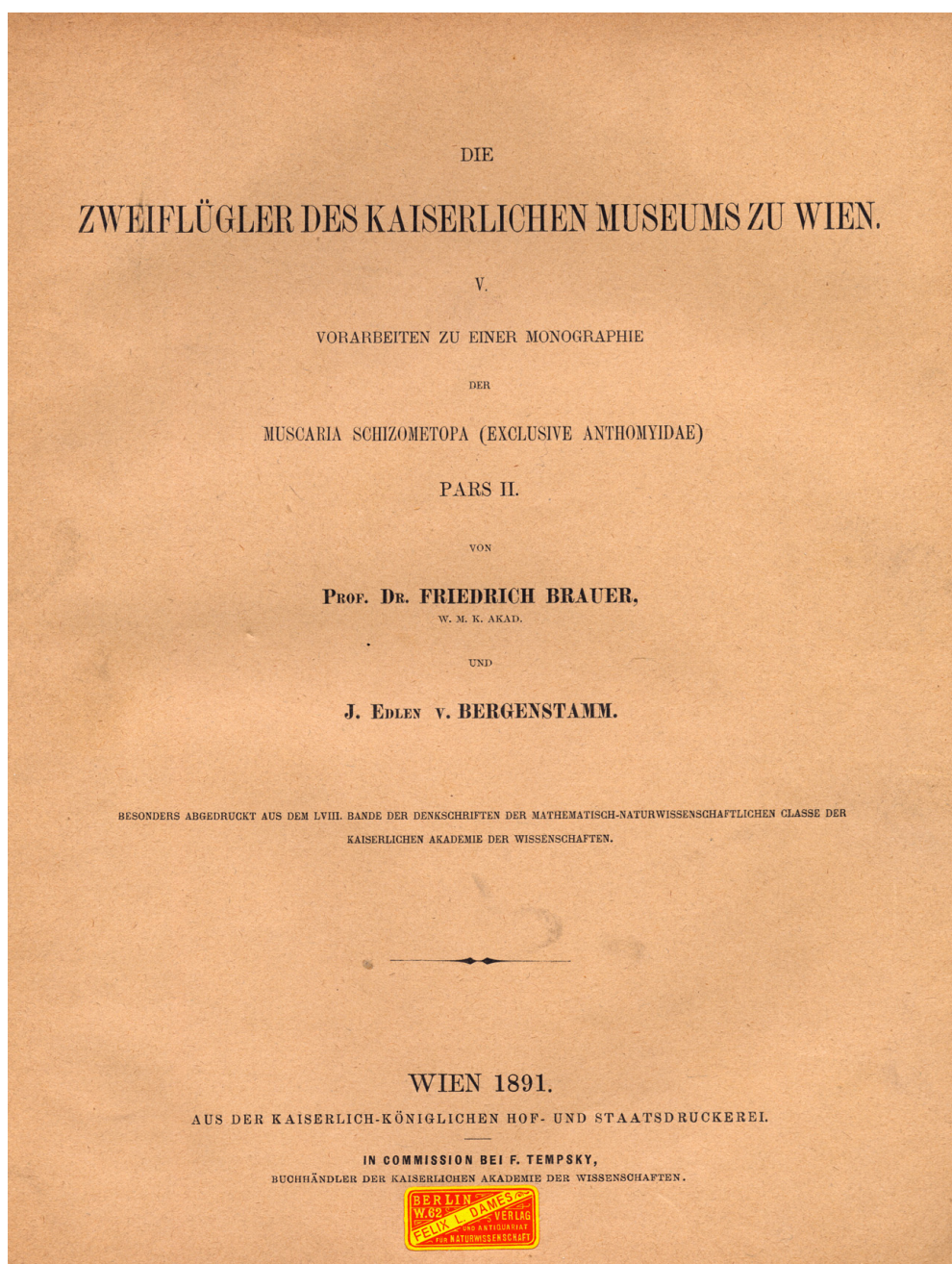


FIGURE 1. Cover of the separate of Part V (1891) of *Die Zweiflügler des Kaiserlichen Museums zu Wien* in the personal collection of NLE.

The Akademie Publications

The Akademie der Wissenschaften in Wien was split into three “Classes”. One of these, the Mathematisch-Naturwissenschaftlichen Classe, issued three publications concerning its proceeding of meetings and results of research: (1) the *Anzeiger*, which commenced publication in 1864 and included for each meeting somewhat detailed minutes, publications presented, brief summaries of papers read, and announcements; (2) the *Sitzungsberichte*, begun in 1848, which included the minutes and the detailed communications presented at each meeting; and (3) the *Denkschrift*, begun in 1850, which comprised publications of larger papers that were read at the meetings and was published at irregular intervals, but mostly one or two volumes per year.

Meetings of the Akademie took place every week or two except for the annual summer academic holiday from August–September. The *Anzeiger* was issued in small fascicles only a few days after each meeting and mailed to members, probably so that they would be available to take to the following meeting, much like the *Bulletin Bimensuel des Séances de la Société Entomologique de France* (see Evenhuis 2002 for details on that publication of meeting minutes). The only exception to this frequency of issuance was the delayed publication of the *Anzeiger* for the last meeting before the summer academic holiday—i.e., it would not appear until a few months later at the first meeting after the summer holiday, usually in early October. The *Sitzungsberichte* were issued less frequently and often did not have as much information about the minutes as were printed in the *Anzeiger*.

Separates

The publishing firm for the kaiserlichen Akademie der Wissenschaften, F. Tempsky in Wien, issued separates of the articles that appeared in the Akademie’s publications and was the bookseller distributing the journal to subscribers. As mentioned above, the separates for articles were issued shortly after typesetting was completed giving the separates two sets of page numbers: one for the separate and one for the journal. The time between having a paper read at the meetings of the Akademie and when its typesetting was completed varied from five to seven months but the majority of works that were checked during this study for the years between 1889 and 1894 averaged about six months. The same printing plates for the text of the journals were used for the separates so the text on the pages of the separates is an exact match for that in their respective journal version pages except for the added pagination of the separates. The separates and their prices were listed in issues of the *Anzeiger*.

TABLE 1. Dates of publication of journal and separate versions of parts IV–VII of *Die Zweiflügler*. [Earliest date of publication in **boldface**]

Part	Denkschr. volume	Date Paper Read	Separate Date (source)	Journal Date
IV	56	9 May 1889	Feb 1890 (<i>Nat. Novit.</i>)	after 19 Dec 1889*
V	58	16 Apr 1891	Dec 1891 (<i>Nat. Novit.</i>)	17 Dec 1891
VI	60	9 Feb 1893	Aug 1893 (<i>Nat. Novit.</i>)*	14 Dec 1893
VII	61	12 Jul 1894	Feb 1895 (<i>Nat. Novit.</i>)	13 Dec 1894

* see explanation below

Notes on dating

The dating of volumes of the *Denkschrift* (those containing Brauer & Bergenstamm’s *Die Zweiflügler* parts), which are based on the notice of its publication at the meetings of the Akademie in the *Anzeiger*, seems to correlate consistently to the separate version being published shortly thereafter except in one case. Additionally, the dates of presentation at the meetings seem to match the probable actual dates that the *Denkschrift* came out except for one case. These two situations are explained below.

Part IV. The *Anzeiger* (Anonymous 1890: 1) announced the *Denkschrift* volume 56 at the 9 January 1890 meeting of the Akademie where it said: “Der Secretär legt den eben erschienenen 56. Band der Denkschriften vor” [The Secretary presented the recently published 56th volume of the Denkschriften]. The fact that it was “recently”

published (other presentations of the *Denkschrift* at the meetings do not have any temporal qualifier for publication) meant that it might well have been published in 1889 and not 1890. The 9 January 1890 meeting was the first meeting of that year. The previous meeting of the Akademie was 19 December 1889. Given the fact that the journal has “1889” printed on its cover lends support to this volume most probably having been published after the 19 December 1889 meeting but still sometime within 1889. The lag time between presentation of the paper at a meeting and completion of typesetting (appearance of either a separate of an article or the completed journal) was around six months. The Brauer & Bergenstamm paper was read at the 9 May 1889 meeting of the Akademie. Given an average six-month lag time from presentation to completion of typesetting, a December 1889 date is well within reason.

Part VI. The *Denkschrift* volume 60 was announced at the 14 December 1893 meeting of the Akademie: “Der Secretär legt den 60. Band (Jahrgang 1893) der Denkschriften vor” [The Secretary presented the 60th volume (year 1893) of the Denkschriften]. However, the recording journal *Naturae Novitates* recorded the separate of the Brauer & Bergenstamm article in that volume as received in August 1893. The reason for this is that the separates of articles were issued shortly after they were typeset. The lag time between presentation of the paper at a meeting and completion of typesetting was around six months. The Brauer & Bergenstamm paper for Part VI was read at the Akademie meeting of 9 February 1893. Thus, at a minimum, six months later one could expect a separate to have been ready after typesetting and this was the case with the separate being noticed in the August issue of *Naturae Novitates*. The entire journal was not finished with typesetting and printing until December and its announcement of publication was at the 14 December 1893 meeting. The August date also fits well with Brauer’s (1893) “Vorarbeiten zu einer Monographie der Muscaria Schizometopa ...” that was read at the 4 October 1893 meeting of the Zoologisch-Botanischen Gesellschaft in Wien where he discussed his recent publication of part III of the Muscaria Schizometopa [= Part VI of *Die Zweiflügler*], which could only have been the separate version. This part, then, is the only one of the four of the *Die Zweiflügler* series for which new taxonomic names and other nomenclatural actions date from the separate version; the other three date from the journal version.

Citation of Parts IV–VII of *Die Zweiflügler*

The following are the citations of the journal and separate versions for parts IV–VII of *Die Zweiflügler des Kaiserlichen Museums zu Wien*.

Part IV. 1889.

Die Zweiflügler des Kaiserlichen Museums zu Wien. IV. Vorarbeiten zu einer Monographie der Muscaria Schizometopa (exclusive Anthomyidae). Pars I.

SEPARATE: “1889”. F. Tempisky, Wien. 112 pp., 11 pls.

JOURNAL: “1889”. *Denkschriften der Kaiserlichen Akademie der Wissenschaften zu Wien, Mathematisch-Naturwissenschaftlichen Classe*, 56: 69–180, 11 pls.

Part V. 1891 (Fig. 1).

Die Zweiflügler des Kaiserlichen Museums zu Wien. V. Vorarbeiten zu einer Monographie der Muscaria Schizometopa (exclusive Anthomyidae). Pars II.

SEPARATE: “1891”. F. Tempisky, Wien. 142 pp.

JOURNAL: “1891”. *Denkschriften der Kaiserlichen Akademie der Wissenschaften zu Wien, Mathematisch-Naturwissenschaftlichen Classe*, 58: 305–446.

Part VI. 1893.

Die Zweiflügler des Kaiserlichen Museums zu Wien. VI. Vorarbeiten zu einer Monographie der Muscaria Schizometopa (exclusive Anthomyidae). Pars III.

SEPARATE: “1893”. F. Tempisky, Wien. 152 pp.

JOURNAL: “1893”. *Denkschriften der Kaiserlichen Akademie der Wissenschaften zu Wien, Mathematisch-Naturwissenschaftlichen Classe*, 60: 89–240.

Part VII. 1894.

Die Zweiflügler des Kaiserlichen Museums zu Wien. VII. Vorarbeiten zu einer Monographie der Muscaria Schizometopa (exclusive Anthomyidae). Pars IV. "1894".

SEPARATE: "1894". F. Tempsky, Wien. 88 pp.

JOURNAL: "1894". *Denkschriften der Kaiserlichen Akademie der Wissenschaften zu Wien, Mathematisch-Naturwissenschaftlichen Classe*, 61: 537–624.

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I thank Maurice Kottelat for useful discussions on the dating of the *Sitzungsbericht* and *Anzeiger*, which has led to the publication of this note correcting the publication of the Brauer & Bergenstamm volumes in the *Denkschrift* of the Akademie der Wissenschaften in Wien. Thomas Pape, Jim O'Hara, and an anonymous reviewer are thanked for making suggestions and corrections that helped improve the paper.

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