

***Brimleyana* (1979–1998): publication dates of issues and zoological names**

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ABSTRACT: The journal *Brimleyana*, published between 1979 and 1998 in 25 issues, contained a total of 84 new zoological names. The dates printed on the covers, footers of articles, and reprints conflict with actual publication dates in some instances, and as a result, some articles and taxonomic names have been cited with the incorrect year of publication. Discrepancies in year of publication affect nine names (two genus group, seven species group), and discrepancies in month of publication affect 21 names (one genus group, 20 species group). Therefore, the actual dates of publication, as established by mailing dates in the journal, are given for all issues of *Brimleyana* along with a complete list of new taxonomic names and new name combinations that appeared in the journal. Receipt date stamps on issues of *Brimleyana* from twelve libraries in the eastern United States were compared to the stated mailing dates, and receipt dates substantiate the validity of the mailing dates.

KEY WORDS: nomenclature – principle of priority – *International code of zoological nomenclature*.

INTRODUCTION

Brimleyana was published between 1979 and 1998 by the North Carolina State Museum of Natural History, Raleigh, North Carolina (Figure 1); the museum's name was changed to the North Carolina State Museum of Natural Sciences on 1 September 1986.¹ The journal's name was a dedication to honor two influential naturalists of North Carolina, Herbert Hutchinson Brimley and Clement Samuel Brimley (Cooper 1979). *Brimleyana* comprised 25 issues and contained 266 articles that concerned zoology of the southeastern United States primarily; however, several articles dealt with zoology of the western United States, paleontology, and archeology.

The date of publication for family-, genus- and species-group names is an important aspect of the field of taxonomy. The principle of priority, Article 23 in the *International code of zoological nomenclature* relies on the availability of accurate publication dates to settle matters of precedence for homonyms and synonyms (as well as for other purposes) in order to make use of the earliest available name that is applicable to a certain taxon (ICZN 1999). The *Code* (ICZN 1999: 102) defines date of publication as “the date on which copies of the work become available by purchase or free distribution” and Article 21.2 states that the “date of publication specified in a work is to be adopted as correct in the absence of evidence to the contrary.”

The year printed on the title-page of a book or journal volume often has been cited as the publication date; however, that date often reflects only when the last part (or issue) of a volume was published. The individual parts of a single volume sometimes span more than one year. Precise publication dates have been given on individual parts of a volume or in a table of contents, for example *Parasitology* and *Proceedings of the United States National*

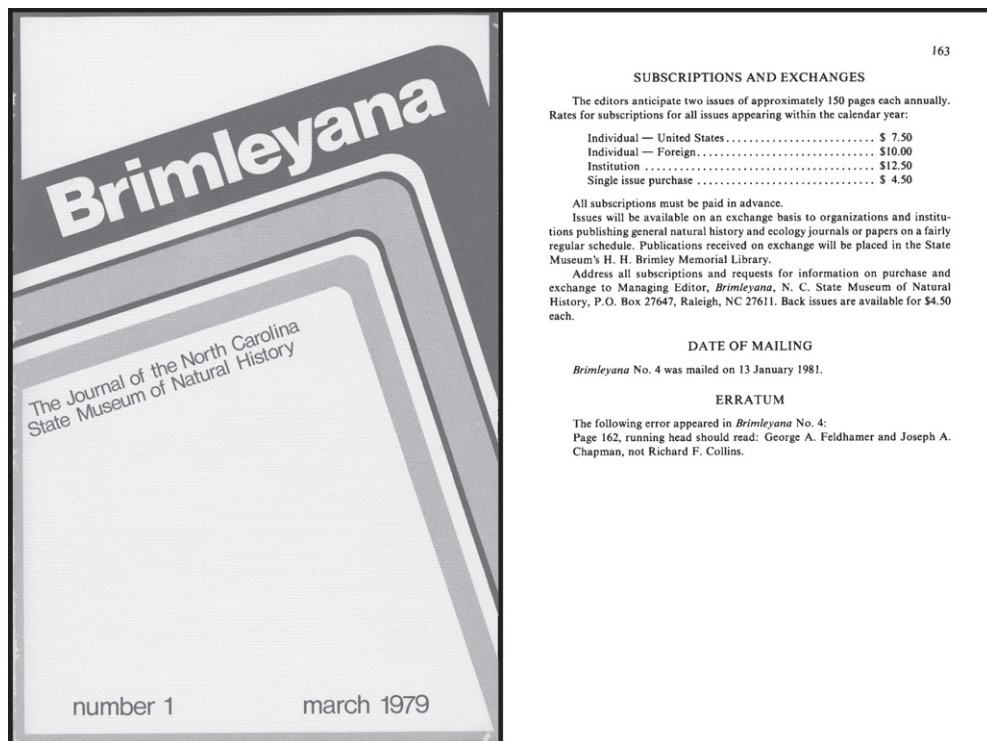


Figure 1. Front cover of *Brimleyana* number 1 (left), and page 163 from *Brimleyana* number 5 (right) showing the mailing date of issue number 4.

Museum, or were included in succeeding issues of some journals, as with *Brimleyana*. Unfortunately, during the process of binding volumes, the original covers from issues were sometimes discarded, resulting in loss of dating information (see, for example, Dickinson 2005). In other cases, a compilation of publication dates has been provided for volumes at a later date (Duncan 1937; Cowan 1973; Dickinson 2004, 2005; Holthuis 1962). Dates of publication of older zoological works often must be investigated extensively by examination of one or more copies of the work, by searching in the original records or proceedings of various scientific societies from that era, or by inferring publication dates from the earliest known receipt dates at libraries (Sherborn 1895; Gilbert 1998). Several useful compilations of literature concerning publication dates of natural history books have been published (Griffin *et al.* 1936; Griffin 1943; Stearn and Townsend 1953; Goodwin 1957; Goodwin *et al.* 1962).

Mailing dates have been accepted as publication dates because they are presumably the earliest dates on which the works were distributed and thereby made available. Surprisingly, even in recent years, precise publication dates are not available for some journals that publish articles containing new taxonomic names, and such omissions of publication dates ought to be rectified. The mailing date for each issue of *Brimleyana* usually was included in the subsequent issue along with errata, and for that the diligence of the editorial staff is noted (see Anonymous 1985: 111). Even though mailing dates were provided for all issues that contained nomenclatural acts, incorrect publication dates have persisted in the literature,

Table 1. Libraries in United States of America from which date stamp information was gathered for *Brimleyana*.

AMNH	American Museum of Natural History (New York, New York)
ANSP	Academy of Natural Sciences (Philadelphia, Pennsylvania)
CCMRL	College of Charleston Marine Resources Library (Charleston, South Carolina)
CLEM	Clemson University (Clemson, South Carolina)
CMNH	Carnegie Museum of Natural History (Pittsburgh, Pennsylvania)
NCSM	North Carolina State Museum of Natural Sciences (Raleigh, North Carolina)
NCSU	North Carolina State University (Raleigh, North Carolina)
ODU	Old Dominion University (Norfolk, Virginia)
SINHL	Smithsonian Institution, Natural History Library (Washington, District of Columbia)
UGA	University of Georgia (Athens, Georgia)
UNCG	University of North Carolina (Greensboro, North Carolina)
VIMS	Virginia Institute of Marine Science (Gloucester Point, Virginia)

most likely because authors cited articles from reprints, which bear incorrect date information or because they did not notice the mailing date information. Therefore, to assist those whose work concerns the organisms described in *Brimleyana*, the correct publication date information and a complete list of nomenclatural acts are provided here.

METHODS

A complete set of the journal *Brimleyana* (ISSN 0193–4406) in the author’s personal library was consulted to obtain all information about the number of articles contained therein, new taxa, new name combinations and mailing dates. Print and electronic versions of the *Zoological record* were checked to compare with information gathered from perusal of the journal issues themselves. Receipt dates of issues of the journal at twelve libraries in the eastern United States (Table 1) were compared with mailing dates published in the journal to determine if dates corresponded temporally, with receipt dates being slightly later of course. Receipt dates on some issues either were not readable or were not reliable (from issues purchased later) and some issues lacked a date stamp. Note that upon receipt of a periodical at a library, marking of receipt dates could be delayed by one to several days due to holidays, weekends, library staff schedules or staff absence.²

RESULTS AND DISCUSSION

Eighty four new zoological names appeared in 13 issues of the journal (four genus-group names, 80 species-group names), and mailing dates were provided for all issues that contained new names. Mailing dates for issues were printed near the end of each subsequent issue of the journal and were given for 23 of 25 issues (Figure 1, Table 2). Eight of 25 issues were published during the year succeeding the date printed on the issue, ten issues were published in months preceding (one) or following (nine) the month printed on the issue (but in the same year), and seven issues were published in the same month and year as that printed on the issue (Table 2). Discrepancies in year of publication affect nine of 84 taxonomic names (two genus group, seven species group), and discrepancies in month of publication affect 21 of 84 names (one genus group, 20 species group). Nine new name

Table 2. Summary of publication information for all issues of *Brimleyana* (1979–1998); for library acronyms see Table 1.

Issue number	Imprint date on covers, articles and reprints	Mailing date*	Earliest date of receipt (library acronym; number of days after mailing date)	Number of new taxa
1	March 1979	29 March 1979 (2: 147)	9 April 1979 (CLEM; 11)	2
2	November 1979	30 November 1979 (3: 123)	30 November 1979 (NCSM; 0)	14
3	July 1980	30 July 1980 (4: 164)	6 August 1980 (CCMRL, CMNH; 7)	5
4	December 1980	13 January 1981 (5: 163)	13 January 1981 (NCSM; 0)	1
5	July 1981	13 July 1981 (6: 167)	16 July 1981 (CCMRL; 3)	32
6	December 1981	16 April 1982 (7: 159)	23 April 1982 (CCMRL; 7)	1
7	July 1982 §	21 September 1982 (8: 159)	6 October 1982 (VIMS; 15)	0
8	December 1982	12 April 1983 (9: 145)	18 April 1983 (ODU, UGA; 6)	0
9	June 1983	24 October 1984 (10: 111)	28 October 1984 (UNCG; 4)	1
10	February 1985	4 March 1985 (11: 190)	14 March 1985 (UNCG; 10)	0
11	October 1985	25 November 1985 (12: 150)	25 November 1985 (NCSM; 0)	13
12	September 1986	29 September 1986 (13: 141)	29 September 1986 (NCSM; 0)	0
13	July 1987	16 July 1987 (14: 163)	23 July 1987 (CCMRL, CLEM, NCSU, UNCG; 7)	1
14	June 1988	27 May 1988 (15: 132)	30 May 1988 (CLEM, UGA; 3)	0
15	January 1989	17 February 1989 (16: 151)	27 February 1989 (ODU, VIMS; 10)	0
16	July 1990	— ‡	27 July 1990 (UNCG)	0
17	December 1991	— ‡	21 February 1992 (AMNH)	0
18	June 1993	9 July 1993 (19: 208)	13 July 1993 (CMNH; 4)	1
19	December 1993	25 May 1994 (20: 201)	27 May 1994 (CCMRL; 2)	1
20	June 1994	5 August 1994 (21: 157)	12 August 1994 (CMNH, VIMS; 7)	7
21	December 1994	25 April 1995 (22: 133)	28 April 1995 (CMNH; 3)	0
22	June 1995	19 October 1995 (23: 144)	24 October 1995 (ANSP; 5)	0
23	December 1995	16 July 1996 (24: 114)	22 July 1996 (CLEM, CMNH, VIMS; 6)	5
24	April 1997	20 June 1997 (25: 171)	23 June 1997 (UGA; 3)	0
25	July 1998	1 September 1998 (25: 171)	8 September 1998 (CMNH; 7)	0

Notes for Table 2.

* Mailing dates were listed near the end of the subsequent issue (issue number; page); mailing dates for numbers 24 and 25 appeared in number 25.

§ The imprint date in the footer of articles (and reprints) in number 7 was July 1981 but should have been July 1982 as on the cover (Anonymous 1983). Number 25 did not include the journal title, issue number, and page numbers in the footer.

‡ Mailing dates were not provided for these issues, which did not contain any nomenclatural acts.

combinations also appeared in six articles. The articles that included new taxa for which there was a date discrepancy in year are by Williams and Robison (1981), Highton (1984), Shelley (1982, 1994, 1996), and Cooper and Cooper (1996). A complete list of the 84 new names published in *Brimleyana* is given in the Appendix.

A review of published articles, books and bibliographic sources revealed that incorrect publication dates have been used for some of the new taxa. The date discrepancies undoubtedly occurred because the month and year printed on the covers and title-pages of articles (and reprints) differed from the actual publication dates in these cases. Publication dates listed in the *Zoological record* (Zoological Society of London 1982–1999) and *Index to Organism Names*³ do not agree with the mailing dates in the same cases. Because the imprint dates differ from actual publication dates in some instances and the mailing date information included in issues of *Brimleyana* is likely to be overlooked, the corresponding publication dates as established by mailing dates in the journal are provided here (Table 2). Earliest receipt dates obtained from libraries ranged from zero to 15 days after the mailing dates for all issues and zero to 11 days for the 13 issues that contained new names. Date stamps from issues at North Carolina State Museum of Natural Sciences (NCSM) were the same as the mailing dates; however, only four of 25 issues at NCSM had date stamps (Table 2). Receipt date stamps substantiate the mailing dates given in the journal; therefore, the mailing dates should be considered accurate. Thomson Scientific, the current publisher of *Zoological record*, has been advised as to the correct publication dates so their records can be updated accordingly.

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NOTES

¹ J. G. Edgerton to W. J. Poly, e-mail, 12 May 2008.

² L. Currie to W. J. Poly, e-mail, 10 August 2008; H. Ivy to W. J. Poly, e-mail, 13 August 2008.

³ URL <http://www.organismnames.com/query.htm> (Index of Organism Names (ION), Thomson Scientific) accessed 24 August 2008.

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APPENDIX

List of new nominal taxa and new combinations that appeared in the journal *Brimleyana* (1979–1998); an asterisk denotes taxa for which the year of publication differs between the mailing date and the imprint date. Refer to Table 2 for information about which issues have differences in month between the mailing date and the imprint date. Articles that included taxa for which there was a date discrepancy in year were included in references.

New nominal taxa

- Batriasymmodes parki* Barr, 1987
Brevigonus Shelley, 1980
Brevigonus arcuatus Shelley, 1982*
Chonaphe evexa Shelley, 1994
Chonaphe schizoterminalis Shelley, 1994
Mexiconium Shelley, 1996*
Mexiconium absidatum Shelley, 1996*
Montaphe paraphoena Shelley, 1994
Octoglena prolata Shelley, 1996*
Octoglena sierra Shelley, 1996*
Orconectes (*Procericambarus*) *carolinensis* Cooper and Cooper, 1996*
Ozarka Williams and Robison, 1981* (subgenus of *Etheostoma*)
Paracricotopus millrockensis Caldwell, 1985
Phagocata carolinensis Kenk, 1979
Plethodon aureolus Highton, 1984*
Plethodon oconaluftee Hairston, 1993
Plethodon websteri Highton, 1979
Pseudanophthalmus assimilis Barr, 1981
Pseudanophthalmus calcareus Barr, 1981
Pseudanophthalmus cerberus cerberus Barr, 1985
Pseudanophthalmus cerberus completus Barr, 1985
Pseudanophthalmus cordicollis Barr, 1981
Pseudanophthalmus darlingtoni darlingtoni Barr, 1985
Pseudanophthalmus darlingtoni persimilis Barr, 1985
Pseudanophthalmus deceptivus Barr, 1981
Pseudanophthalmus fastigatus Barr, 1981
Pseudanophthalmus fowlerae Barr, 1980
Pseudanophthalmus frigidus Barr, 1981
Pseudanophthalmus globiceps Barr, 1985
Pseudanophthalmus georgiae Barr, 1981
Pseudanophthalmus hypolithos Barr, 1981
Pseudanophthalmus inquisitor Barr, 1980
Pseudanophthalmus longiceps Barr, 1981
Pseudanophthalmus menetriesi campestris Barr, 1985
Pseudanophthalmus nickajackensis Barr, 1981
Pseudanophthalmus nortoni Barr, 1981
Pseudanophthalmus pallidus Barr, 1981
Pseudanophthalmus paradoxus Barr, 1981
Pseudanophthalmus paulus Barr, 1981
Pseudanophthalmus paynei Barr, 1981
Pseudanophthalmus pilosus Barr, 1985
Pseudanophthalmus praeternissus Barr, 1981
Pseudanophthalmus productus Barr, 1980
Pseudanophthalmus pubescens intrepidus Barr, 1985
Pseudanophthalmus pusillus Barr, 1981
Pseudanophthalmus rogersae Barr, 1981
Pseudanophthalmus sanctipauli Barr, 1981
Pseudanophthalmus scholasticus Barr, 1981
Pseudanophthalmus scutillus Barr, 1981
Pseudanophthalmus seclusus Barr, 1981
Pseudanophthalmus sequoyah Barr, 1981
Pseudanophthalmus sericus Barr, 1981
Pseudanophthalmus simplex Barr, 1980
Pseudanophthalmus simulans Barr, 1985
Pseudanophthalmus steevesi Barr, 1981
Pseudanophthalmus thomasi Barr, 1981
Pseudanophthalmus transfuivalis Barr, 1985
Pseudanophthalmus unionis Barr, 1981
Pseudanophthalmus ventus Barr, 1981
Pseudanophthalmus wallacei Barr, 1981
Pseudotremia fracta ingens Hoffman, 1981
Pseudotremia fracta nantahala Hoffman, 1981
Pseudotremia fracta paynei Hoffman, 1981
Scytonotus inornatus Shelley, 1994*
Selenocheir Shelley, 1994
Selenocheir arcuata Shelley, 1994
Selenocheir directa Shelley, 1994
Selenocheir sinuata Shelley, 1994
Trechus (*Microtrechus*) *aduncus coveensis* Barr, 1979
Trechus (*Microtrechus*) *aduncus howellae* Barr, 1979
Trechus (*Microtrechus*) *aduncus toxawayi* Barr, 1979
Trechus (*Microtrechus*) *haoe* Barr, 1979
Trechus (*Microtrechus*) *luculentus uncoi* Barr, 1979
Trechus (*Microtrechus*) *luculentus wayahensis* Barr, 1979
Trechus (*Microtrechus*) *nantahalae* Barr, 1979
Trechus (*Microtrechus*) *stupkai* Barr, 1979
Trechus (*Microtrechus*) *tusquitee* Barr, 1979
Trechus (*Microtrechus*) *valentinei* Barr, 1979
Trechus (*Microtrechus*) *vandykei pisgahensis* Barr, 1979
Trechus (*Microtrechus*) *inexpectatus* Barr, 1985
Trechus (*Trechus*) *caliginis* Barr, 1985
Trechus (*Trechus*) *schwarzi saludae* Barr, 1979
Trechus (*Trechus*) *schwarzi scopulosus* Barr, 1979
Xironodrilus bashaviae Holt and Weigl, 1979

New combinations

- Brevigonus shelfordi* (Loomis, 1944) Shelley, 1980
Caecidotea bicrenata whitei Lewis and Bowman, 1981: Lewis, 1983
Deinosuchus rugosus (Emmons, 1858) Baird and Horner, 1979 [fossil taxon]
Octoglena anura (Cook, 1904) Shelley, 1996
Octoglena gracilipes (Loomis, 1971) Shelley, 1996
Sympotthastia diastena (Sublette, 1964) Doughman, 1985
Trechus (*Trechus*) *hydropicus avus* Barr, 1962: Barr, 1979
Trechus (*Trechus*) *hydropicus beutenmuelleri* Jeannel, 1931: Barr, 1979
Trechus (*Trechus*) *hydropicus canus* Barr, 1962: Barr, 1979