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A female Western Toad (Anaxyrus boreas) from Garibaldi Provincial Park, British Columbia, Canada. This large bufonid occurs throughout much of Western North America. The IUCN lists it as Near Threatened because it is probably in significant decline (> 30% over 10 years) due to disease. (Photographed by C. Kenneth Dodd).

A Bibliography of the Anurans of the United States and Canada (1734-2012).

Monograph 4.

C. Kenneth Dodd, Jr.

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**A BIBLIOGRAPHY OF THE ANURANS OF THE UNITED STATES AND CANADA
(1734-2012).**

MONOGRAPH 4.

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PREFACE: A SEARCHABLE BIBLIOGRAPHY FOR NORTH AMERICAN ANURANS

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Many of us can recall a time before the age of computers when it was necessary to search for specific herpetological literature by visiting a library and thumbing through many issues of Biological Abstracts, Wildlife Review, and Zoological Record. That was a laborious, time-consuming task with no guarantee of finding all pertinent publications available on a particular topic. Now, with the advent and ease of online search engines, practically any published citation can be found simply by stroking a keyboard. However, older references tend to be difficult to find or retrieve. And, given the numerous composite literature online resources available at your fingertips, the job of obtaining key information by paging through any hard copy resource volume for subject material seems passé. In those previous days, however, printed bibliographies of any kind were considered treasure troves of vital information.

In this special monograph of Herpetological Conservation and Biology (HCB), we are very pleased to publish a true anthology of anuran bibliography for the United States and Canada by Ken Dodd. This remarkable compendium of literature spans over two centuries (1734 – 2012). The HCB Governing Board decided to subject this manuscript to editorial review only rather than send it out for peer review because of the unique nature of this sort of a publication. Multiple editors on the staff of HCB reviewed the manuscript and the Special Publications Editor (SET) and Managing Editor (MLM) checked references for accuracy. Any views expressed in this manuscript are those of the author and do not necessarily reflect those views of the editorial staff or the Journal.

So why publish a bibliography on a particular herpetological subject in Herpetological Conservation and Biology? There are many solid reasons to do this, but the primary one is to make available this valuable resource to our readership. As a downloaded PDF, researchers will be able to use standard search-engine options to gather specific information from it. The PDF of this manuscript is fully searchable by using the PDF search function available in Adobe Reader or Adobe Acrobat, as well as many online web browsers is a feature not available elsewhere. We extend a special thanks to Ken Dodd for selecting HCB as the outlet for this most useful resource.

A BIBLIOGRAPHY OF THE ANURANS OF THE UNITED STATES AND CANADA (1734-2012)

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Abstract.—The literature on frogs in North America is rich and complex, beginning with the illustrations of Seba (1734), Linneaus' (1758) descriptions, the illustrations and short text of Catesby (1771), and continuing to the present. Today, hundreds of papers and notes are published each year on virtually every aspect of anuran biology. During the course of writing *Frogs of the United States and Canada* (Johns Hopkins University Press, 2013), I read thousands of pages of text and included more than 4,500 citations within the Literature Cited. Despite this, most routine papers on distribution and range extensions, anatomy, physiology, cellular biology and genetics, sampling techniques, and herpetoculture were excluded. Many additional papers on the topics covered by the book (i.e., systematics and evolution, life history, parasites, reactions to stressors, conservation biology) were not cited, particularly due to redundancy (i.e., the information had been presented or summarized elsewhere). Naturally some papers were overlooked, and the book only covered the literature through mid-2010, although a few citations were added after this date mostly for taxonomic reasons.

Much information, even that published in obscure sources, is now available through electronic media. Sorting through thousands of citations, however, is tedious. As a result, many potentially important, relevant, or insightful papers may be overlooked. Literature citations are frequently incomplete (admittedly often in the name of reducing publication costs), leaving readers with an inadequate understanding of the scope and history of publications surrounding the topic under consideration. Another problem with publishing in the electronic age is that researchers frequently neglect older literature altogether, or cite older publications incorrectly. In order to assist researchers, I decided to update the Literature Cited section of *Frogs* by expanding its coverage through December 2012, and by including many previously omitted citations. Some of these citations are quite obscure, but reading them may lend insight and perspective to certain fields of study, such as biogeography and conservation biology. The bibliography presented here includes the same topics as those covered in *Frogs*; I will leave it to others to expand the topics to those currently excluded. I also generally avoid gray literature, minor geographic range extensions (see *Herpetological Review* for an extensive listing), individually authored accounts in larger edited works (e.g., Jensen et al. 2008), popular articles and magazines, publications from regional herpetological societies, and species accounts in the *Catalogue of American Amphibians and Reptiles*. A large number of theses and dissertations are included, but by no means all. It seems unlikely that every single citation on the ecology of frogs of the United States and Canada will ever be assembled, but I hope that the bibliography will assist both new graduate students and experienced scientists in awareness of the extent of research on the anuran fauna north of the United States-Mexico border. Finally, note that some publications listed as online first in 2012 may not be published until 2013.

Key Words.—*Amphibia, Anura, bibliography, frogs, toads, herpetology*

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FOOTNOTES

- * This publication is variously cited as 1981 or 1982. Vol. 60 was published in 1981, although issue 12 did not appear until January 1982. The online journal is dated 1981, but the reprints are dated 1982.
- ** Dated 1929, but published 1930.
- *** Dated 1866 but published in 1867. The date attributed to newly described species is thus 1867. Also see Cope (1877).
- ± W.C. Brown's name was apparently omitted as a junior author. He appears as such in the table of contents.
- # The amphibian sections of this monograph were actually written by Crystal Thompson and Helen Thompson.

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The Southern Leopard Frog (Lithobates sphenoccephalus) is a common anuran throughout the southeastern United States and Canada. (Photograph by C. Kenneth Dodd).