

# Bulletin of the Southern California Academy of Sciences

---

Volume 111 | Issue 1

Article 6

---

October 2012

## Cover

Follow this and additional works at: <http://scholar.oxy.edu/scas>

---

### Recommended Citation

(2012) "Cover," *Bulletin of the Southern California Academy of Sciences*: Vol. 111: Iss. 1.  
Available at: <http://scholar.oxy.edu/scas/vol111/iss1/6>

This Article is brought to you for free and open access by OxyScholar. It has been accepted for inclusion in Bulletin of the Southern California Academy of Sciences by an authorized administrator of OxyScholar. For more information, please contact [cdla@oxy.edu](mailto:cdla@oxy.edu).

**CONTENTS**

Bomb Radiocarbon Dating and Estimated Longevity of Giant Sea Bass (*Stereolepis gigas*). Larry G. Allen and Allen H. Andrews..... 1

Planktonic Larvel Duration, Settlement, and Growth Rates of the Young-of-the-Year of Two Sand Basses (*Paralabrax nebulifer* and *P. maculatofasciatus*: fam. Serranidae) from Southern California. Larry G. Allen and Heidi E. Block..... 15

An Abnormally Colored Redbanded Rockfish, *Sebastes babcocki*. Robert N. Lea and Diane L. Haas ..... 22

Reproduction of the Yellow-backed Spiny Lizard, *Sceloporus uniformis* (Squamata: Phrynosomatidae) from California. Stephen R. Goldberg..... 25

Annual Meeting of the Southern California Academy of Sciences ..... 29

SOUTHERN CALIFORNIA ACADEMY OF SCIENCES

**BULLETIN**

**Volume 111**

**Number 1**



Cover: A near maximum size (7 ft; 500 pound) giant sea bass (*Stereolepis gigas*) captured by an anonymous commercial fisherman (pictured) in January 2010 off Santa Cruz Island and legally landed at the wharf in Santa Barbara (photo courtesy of Jeffrey Cecilia, Santa Barbara Fish Market).

**A111(1) 1-100 (2012)**

**APRIL 2012**

# Southern California Academy of Sciences

Founded 6 November 1891, incorporated 17 May 1907

© Southern California Academy of Sciences, 2012

## OFFICERS

Julianne Passarelli, *President*  
 Bengt Allen, *Vice President*  
 Edith Read, *Recording Secretary*  
 Daniel Guthrie, *Corresponding Secretary*  
 Ann Dalkey, *Treasurer*  
 Daniel J. Pondella II, *Editor, Past President*  
 Larry G. Allen, *Editor*  
 Jonathan Baskin, *Past President*  
 Brad R. Blood, *Past President*  
 John H. Dorsey, *Past President*  
 Robert Grove, *Past President*  
 John Roberts, *Past President*

## BOARD OF DIRECTORS

2010–2013	2011–2014	2012–2015
Lisa Babilonia	Jonathan Baskin	Bengt Allen
Brad R. Blood	Gordon Hendler	Ralph Appy
Ann Dalkey	Andrea Murray	Ann Bull
Julianne Passarelli	John Roberts	Daniel S. Cooper
Edith Read	Gloria Takahashi	Mark Helvey

Membership is open to scholars in the fields of natural and social sciences, and to any person interested in the advancement of science. Dues for membership, changes of address, and requests for missing numbers lost in shipment should be addressed to: Southern California Academy of Sciences, the Natural History Museum of Los Angeles County, Exposition Park, Los Angeles, California 90007-4000.

Professional Members . . . . .	\$45.00
Student Members . . . . .	25.00

Memberships in other categories are available on request.

Fellows: Elected by the Board of Directors for meritorious services.

The Bulletin is published three times each year by the Academy. Manuscripts for publication should be sent to the appropriate editor as explained in “Instructions for Authors” on the inside back cover of each number. All other communications should be addressed to the Southern California Academy of Sciences in care of the Natural History Museum of Los Angeles County, Exposition Park, Los Angeles, California 90007-4000.

Date of this issue 12 October 2012

Ⓢ This paper meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper).

## INSTRUCTIONS FOR AUTHORS

The BULLETIN is published three times each year (April, August, and December) and includes articles in English in any field of science with an **emphasis on the southern California area**. Manuscripts submitted for publication should contain results of original research, embrace sound principles of scientific investigation, and present data in a clear and concise manner. The current AIBS *Style Manual for Biological Journals* is recommended as a guide for contributors. Consult also recent issues of the BULLETIN. Manuscript preparation guidelines are at SCASBULLETIN.ORG.

### MANUSCRIPT PREPARATION

Do not break words at right-hand margin anywhere in the manuscript. Footnotes should be avoided. **Manuscripts which do not conform to the style of the BULLETIN will be returned to the author.**

**An abstract** summarizing in concise terms the methods, findings, and implications discussed in the paper *must* accompany a *feature article*. *Abstract should not exceed 100 words.*

**A feature article** comprises approximately five to thirty typewritten pages. Papers should usually be divided into the following sections: abstract, introduction, methods, results, discussion and conclusions, acknowledgments, literature cited, tables, figure legend page, and figures. Avoid using more than two levels of subheadings.

**A research note** is usually one to six typewritten pages and rarely utilizes subheadings. Consult a recent issue of the BULLETIN for the format of *notes*. Abstracts are not used for notes.

**Abbreviations:** Use of abbreviations and symbols can be determined by inspection of a recent issue of the BULLETIN. **Omit periods after standard abbreviations:** 1.2 mm, 2 km, 30 cm, but Figs. 1–2. Use numerals *before* units of measurements: 5 ml, but nine spines (10 or numbers above, such as 13 spines). The metric system of weights and measurements should be used wherever possible.

**Taxonomic procedures:** Authors are advised to adhere to the taxonomic procedures as outlined in the International Code of Botanical Nomenclature (Lawjouw et al. 1956), the International Code of Nomenclature of Bacteria and Viruses (Buchanan et al. 1958), and the International Code of Zoological Nomenclature (Ride et al. 1985). Special attention should be given to the description of new taxa, designation of holotype, etc. Reference to new taxa in titles and abstracts should be avoided.

**The literature cited:** Entries for books and articles should take these forms.  
 McWilliams, K. L. 1970. Insect mimicry. Academic Press, vii+326 pp.  
 Holmes, T. Jr., and S. Speak. 1971. Reproductive biology of *Myotis lucifugus*. *J. Mamm.*, 54:452–458.  
 Brattstrom, B. H. 1969. The Condor in California. Pp. 369–382 in *Vertebrates of California*. (S. E. Payne, ed.), Univ. California Press, xii+635 pp.

**Tables should not repeat data in figures** (*line drawings, graphs, or black and white photographs*) or contained in the text. The author must provide numbers and short legends for tables and figures and place reference to each of them in the text. Each table with legend must be on a separate sheet of paper. All figure legends should be placed together on a separate sheet. **Illustrations and lettering thereon should be of sufficient size and clarity to permit reduction to standard page size; ordinarily they should not exceed 8½ by 11 inches** in size and after final reduction lettering must equal or exceed the size of the typeset. All half-tone illustrations will have light screen (grey) backgrounds. Special handling such as dropout half-tones, special screens, etc., must be requested by and will be charged to authors. **As changes may be required after review, the authors should retain the original figures in their files until acceptance of the manuscript for publication.**

**Assemble the manuscript** as follows: cover page (with title, authors’ names and addresses), abstract, introduction, methods, results, discussion, acknowledgements, literature cited, appendices, tables, figure legends, and figures.

**A cover illustration** pertaining to an article in the issue or one of general scientific interest will be printed on the cover of each issue. Such illustrations along with a brief caption should be sent to the Editor for review.

### PROCEDURE

All correspondence should be submitted to the Editor, Daniel J. Pondella II, Moore Laboratory of Zoology, Occidental College, 1600 Campus Rd., Los Angeles, Ca 90041, pondella@oxy.edu. All manuscripts should be submitted to SCASBULLETIN.ORG. **All manuscripts** should be submitted to the Editor, Daniel J. Pondella II, Moore Laboratory of Zoology, Occidental College, 1600 Campus Rd., Los Angeles, CA 90041. Manuscripts may be submitted by e-mail to pondella@oxy.edu as a Word document. **Authors are requested to submit the names, addresses and specialities of three persons who are capable of reviewing the manuscript.** Evaluation of a paper submitted to the BULLETIN begins with a critical reading by the Editor; several referees also check the paper for scientific content, originality, and clarity of presentation. Judgments as to the acceptability of the paper and suggestions for enhancing it are sent to the author at which time he or she may be requested to rework portions of the paper considering these recommendations. The paper then is resubmitted on disk in word format and may be re-evaluated before final acceptance.

**Proof:** The galley proof and manuscript, as well as reprint order blanks, will be sent to the author. He or she should **promptly and carefully read** the proof sheets for errors and omissions in text, tables, illustrations, legends, and bibliographical references. He or she marks corrections on the galley (copy editing and proof procedures in *Style Manual*) and **promptly returns both galley and manuscript** to the Editor. Manuscripts and original illustrations will not be returned unless requested at this time. **All changes in galley proof attributable to the author (misspellings, inconsistent abbreviations, deviations from style, etc.) will be charged to the author. Reprint orders are placed with the printer, not the Editor.**