



2020
ANNUAL
REPORT

SANTA BARBARA
MUSEUM
of
**NATURAL
HISTORY**



The Museum's annual Year in Review is always consequential, documenting as it does, a year of enormous activity and impact made in all areas of the Museum and Sea Center operations. But there can be no doubt that 2020 was a year like no other in the Museum's last several decades. And yet, despite the public health crisis that so vexed our community, our nation, and our world, the Museum and Sea Center carried out our mission both in person, when possible, and virtually, when necessary.

The year started off with our annual celebration of donors and friends at the Leadership Circles of Giving Dinner where we presented our Legacy Awards to the Hind Foundation, Joan Seaver Kurze, Ph.D., and Fred Schaeffer. Our spring gala Pollinators was another successful event raising \$450,000 for our education programs. The pandemic forced the shutdown of both the Museum and Sea Center in mid-March until July when we were able to open our outdoor areas to the public. With timed ticketing and social distancing rules in place, visitors were able to enjoy Prehistoric Forest and Butterflies Alive! Indoor exhibits opened at the end of the summer and we continued our social distancing rules.

Staff embraced the word "pivot" and created numerous virtual programming events for children and adults. The annual Santa Barbara Wine + Food Festival® was postponed along with several other scheduled events.

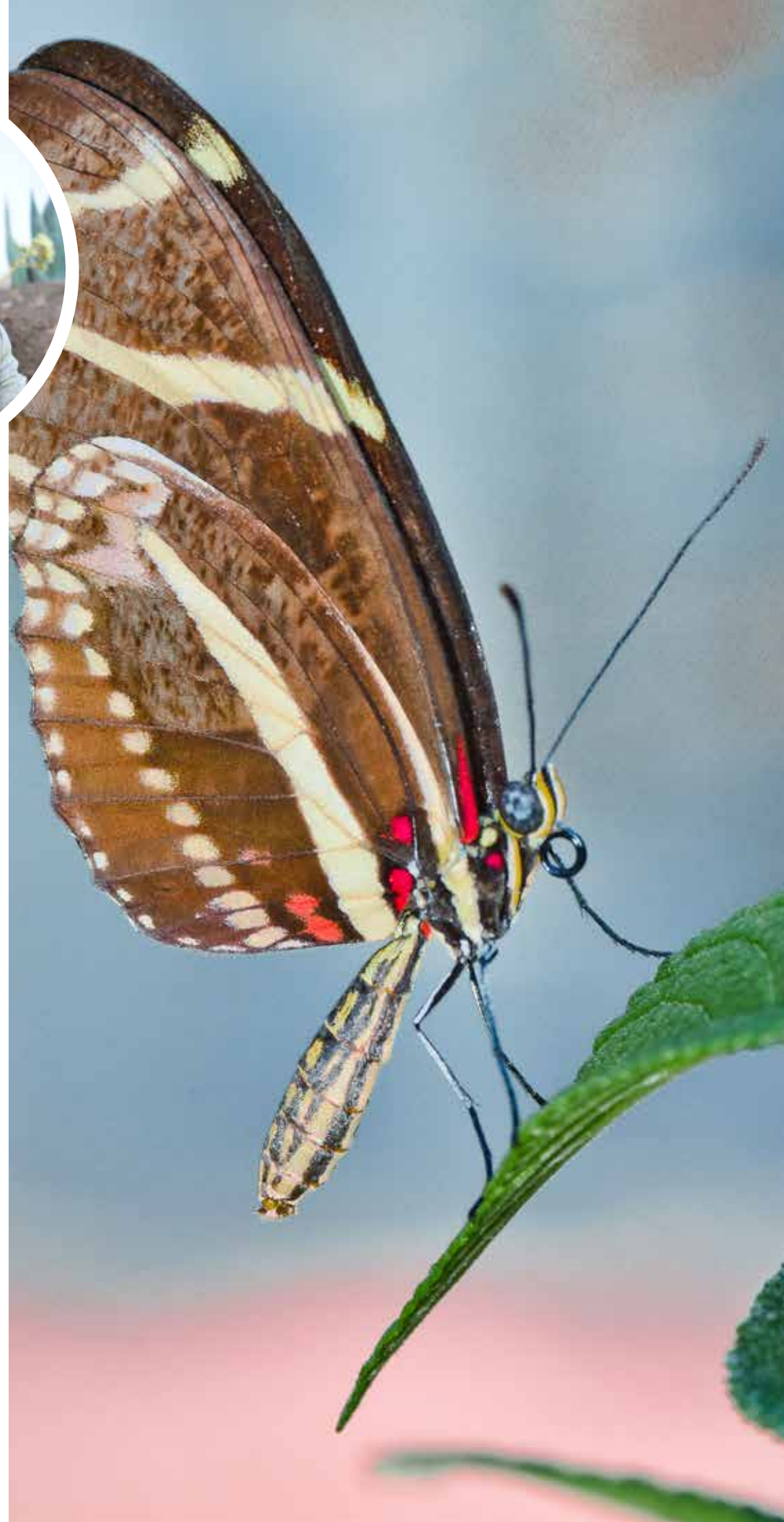
We had planned to begin important work on the Collections and Research Center in 2020, but postponed the Collections Care Project until 2021.

A few highlights of the year include Curator of Malacology Daniel L. Geiger, Ph.D., being awarded a National Science Foundation grant to catalog marine invertebrates, the installation of the animatronic dinosaurs for Prehistoric Forest, and endowing the Quasars to Sea Stars program with a major gift of \$500,000.

All in all, the Museum and Sea Center weathered the ups and downs of 2020, along with the rest of the world. I am proud to share that with community support, the guidance of the Board of Trustees, and dedicated staff, we came out of 2020 strong.

Sincerely,

Luke J. Swetland
President & CEO



Matthew Adams
Dennis Allen
Christopher Blau
Sharon Bradford
Vincent Caballero
Carolyn Chandler
Frank Davis
Douglas Dreier
Venesa Faciane
Elaine Gibson
Bobbie Kinnear
Christopher Knowlton
Salvatore "Tory" Milazzo
Hank Mitchel
Susan Parker
Paul Relis
Wayne Rosing
Paul J. Russell
Terrence Valeski, Chair
Brad Willis
Steven Woodward

Honorary Trustees

David Anderson
Stephen M. Hicks
Palmer G. Jackson, Jr.
Joan Kurze, Ph.D.
Alexander Power
Brian Rapp
Janet Sands

President & CEO

Luke J. Swetland

\$**3.8** million in donations
from **625** generous donors

With your generous support, the Santa Barbara Museum of Natural History is inspiring a thirst for discovery and a passion for the natural world.

3,892
committed Members

SIX
new members joined the Mission Creek Legacy Society (75 total!)

Received

Two awards

from the California Green Business Network for becoming green certified and REACHING INNOVATOR STATUS

29 students from Indonesia were among the over **1,679** students who participated in online learning when school and teacher services operations switched to virtual classes.

400 store orders were fulfilled. We launched an online store which helped net **\$16,308** in store sales.

25 YEARS
The Maximus Gallery celebrated its 25th anniversary of displaying antique natural history prints.

HERE'S A SNAPSHOT OF

WHAT WE ACCOMPLISHED IN 2020

CONNECTING PEOPLE TO NATURE FOR THE BETTERMENT OF BOTH

Six
Giant Pacific Seahorses joined the animals on display at the Sea Center.

3RD book on bivalves was published by Curator Emeritus of Malacology Paul Valentich-Scott, SBMNH Research Associate Eugene Coan, and Diego Zalaya.

300 guests attended **COMMUNITY CONVERSATIONS**, a program focusing on climate change and impacts from the Thomas Fire and Debris Flow two years later.

21 volunteers gave **800+ HOURS** over the 15-week run of Butterflies Alive!

Four Leadership Circles of Giving **LEGENDS OF THE HALLS** virtual programs featured curators John Johnson, Ph.D., and Linda Miller, Librarian Terri Sheridan, Director Emeritus of Facilities Gary Robinson, and Sea Center Interpreter Sarah Ettman-Sterner.

10,000
beetle specimens in the main Invertebrate Zoology Department's collections were sorted and identified by Curator of Entomology Matthew L. Gimmel, Ph.D.

One
beautiful polychrome Chumash basket tray was acquired for the Anthropology Collections. Additional acquisitions included Chumash clapper sticks, a large basin metate, and a small pestle recovered near Lake Cachuma.

2,500 visitors received **FREE ADMISSION** to the Sea Center for Underwater Parks Day, funded by UC Santa Barbara's Holly Moeller Lab and the UC Santa Barbara Coastal Fund.

1,506 HOURS spent by our hardworking and creative **QUASARS TO SEA STARS** teens in paid and volunteer work.

ADMINISTRATION AND FINANCE DIVISION

Luke Swetland, M.A., MILS,
President & CEO

Diane Wondolowski,
COO & CFO

Carolyn Morthole,
Executive Director's Assistant

Pamela Beckley,
Accounting Manager

Antonina Skovorodko,
Accounting Clerk

Barbara Burkepile,
Human Resources Manager

Catherine Burns,
Human Resources Generalist

Rebecca Fagan Coulter,
Volunteer Manager

Phillip Morones,
Information Systems Manager

Armando Martin del Campo,
Information Systems Technician

COLLECTIONS AND RESEARCH DIVISION

Henry W. Chaney, Ph.D.,
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of Malacology

Anthropology

John Johnson, Ph.D.,
Curator of Anthropology

Brian Barbier, M.A., Associate
Curator

Jan Timbrook, Ph.D.,
Curator of Ethnography
Emeritus

Brittany-Nicole Lucero,
Hearst Intern

Destiny Harrell,
Curatorial Assistant

Caitlin Paulson,
Curatorial Assistant

Julia Schorr, M.A., Curatorial
Assistant

Invertebrate Zoology
Daniel Geiger, Ph.D.,
Curator of Malacology

Paul Valentich-Scott,
Curator of Malacology
Emeritus

Vanessa Delnavaz, M.A.,
IZ Collection Manager

Lucie Gimmel,
Scientific Imaging Specialist

Matthew Gimmel, Ph.D., Curator
of Entomology

Cara Fuller, Curatorial Assistant

Patricia Sadeghian, M.A.,
Curatorial Assistant

Sophie Nebeker, Hearst Intern

John and Peggy Maximus Gallery

Linda Miller, Curator

Marian McKenzie,
Exhibit Designer

Library

Terri Sheridan, Librarian

Peggy Dahl, Library Assistant

Vertebrate Zoology

Krista A. Fahy, Ph.D.,
Curator of Vertebrate Zoology,

Paul W. Collins, M.A.,
Curator of Vertebrate Zoology

Jonathan Hoffman, Ph.D.,
Dibblee Curator Earth Sciences

Julia Schorr, M.A.,
Curatorial Assistant

Chris Everett, Fossil Preparator

DEVELOPMENT DIVISION

Caroline Grange,
Director of Development

Development

Melissa Baffa,
Development Officer

Sarah Clement,
Development Associate

Diane Elfstrom Devine,
Development Officer

Rochelle Rose, CFRE,
Development Officer

Meridith Moore,
Special Events Manager

James Magallanes,
Events Assistant

Membership

Leana Orsua,
Membership Manager

Katherine Ugoretz,
Membership Assistant

MARKETING DIVISION

Briana Sapp Tivey, M.A.,
Director of Marketing

Owen Duncan, M.A.,
Content Manager

Juan Minera,
Senior Graphics Designer
and Webmaster

Jenna Savage Davis, M.F.A,
Graphic & Exhibits Designer

EDUCATION DIVISION

Frank Hein, Director of Education

Astronomy

Javier Rivera, M.S.,
Astronomy Programs Manager

Teen Programs

Jenna Rolle, M.S.,
Teen Programs Manager

Charles Thrift, Hearst Intern

Quasars to Sea Stars

Shio Chiba, Veronica Garcia,
Caleb Jensen, Andrew Klug,
Lily Michaels, Aidan Murray,
Theodore Patterson, Diego
Perez, Grayson Prater, Joshua
Rivera, Stella Scheim, Matthew
Sevilla, Melaya Terrell, Alvaro
Vaca, Daniel Velazquez, Donna
Entezari, Judah Nisen, Kaitlyn
Caldow, and Lucy London.

Community Education

Stefanie Coleman, M.S.,
Community Education
Manager

Katherine Ugoretz, California
Islands Symposia Coordinator

Nature Adventures

Ty Chin-Eddy, Ph.D.,
Nature Adventures Manager

Jesse Baker, Ed.D.,
Assistant / Instructor

School and Teacher Services

Charlotte Zeamer, Ph.D.,
School & Teacher Services
Manager

Jessica Prichard,
School & Teacher Services
Coordinator (Mission Creek)

Kristen Carte-Smith,
School & Teacher Services
Manager

Karleen Cowan,
School & Teacher Services
Assistant

Steve Keller,
School & Teacher Services
Coordinator (Sea Center)

Nature Education

Sabina Thomas, Ph.D.,
Nature Education Manager

Michael Berg, Naturalist

Charlotte Garcia, Naturalist

Betsy Mooney, Naturalist

EXHIBITS DIVISION

Frank Hein, M.A.,
Director of Exhibits

Francisco Lope, Lead Exhibits

Jenna Savage Davis, M.F.A,
Graphic & Exhibits Designer

Chris Orr, Exhibits Technician

FACILITIES DIVISION

Kevin Genovese, Director of
Facilities

Gary Robinson, M.A., Facilities
Consultant

Brent Flaaten, Groundskeeper

John Gonzales, Custodian/
Maintenance Technician

Jacques Bekker, Evening
Custodian

Salvador Reyes, Custodian

James Schatz, Evening Custodian

Nathan Torres, Assistant
Custodian

Isaac Ortega, Facilities Technician

Nick Thielker, Special Projects
Technician

Barbara Barker, Project Manager,
Master Planning

GUEST SERVICES DIVISION

Kim Zsembik, Director of Guest
Services

Carl Rumpp, Museum Store
Assistant

Flora Arguilla, Guest Services

Anthony Caruso, Guest Services

Mac Claytor, Guest Services

James Friery II, Guest Services

Julian Haas, Guest Services

Marinnae Hinahon, Guest
Services

Katherin Jordan, Guest Services

Kayla Leal, Guest Services

Jessica Leathers, Guest Services

Christopher Lee, Guest Services

Patrice Mueller, Guest Services

Isela Navarro, Guest Services

Ali Nygaard, Guest Services

Chelsea O'Connell, Guest
Services

SEA CENTER

Richard Smalldon, Sea Center
Director

Programs and Exhibits

Thomas Wilson, Manager
of Animal Collections &
Husbandry

Nora Frank, Aquarist, Manager
of Animal Collections &
Husbandry

Tyler Haven, Aquarist

Juliana Logan, SC Volunteer
Coordinator

Sam Macks Franz, Volunteer and
Interpretation Manager

Shalina Peterson, Volunteer
Manager

Kyle Zalkauskas, Hearst Intern

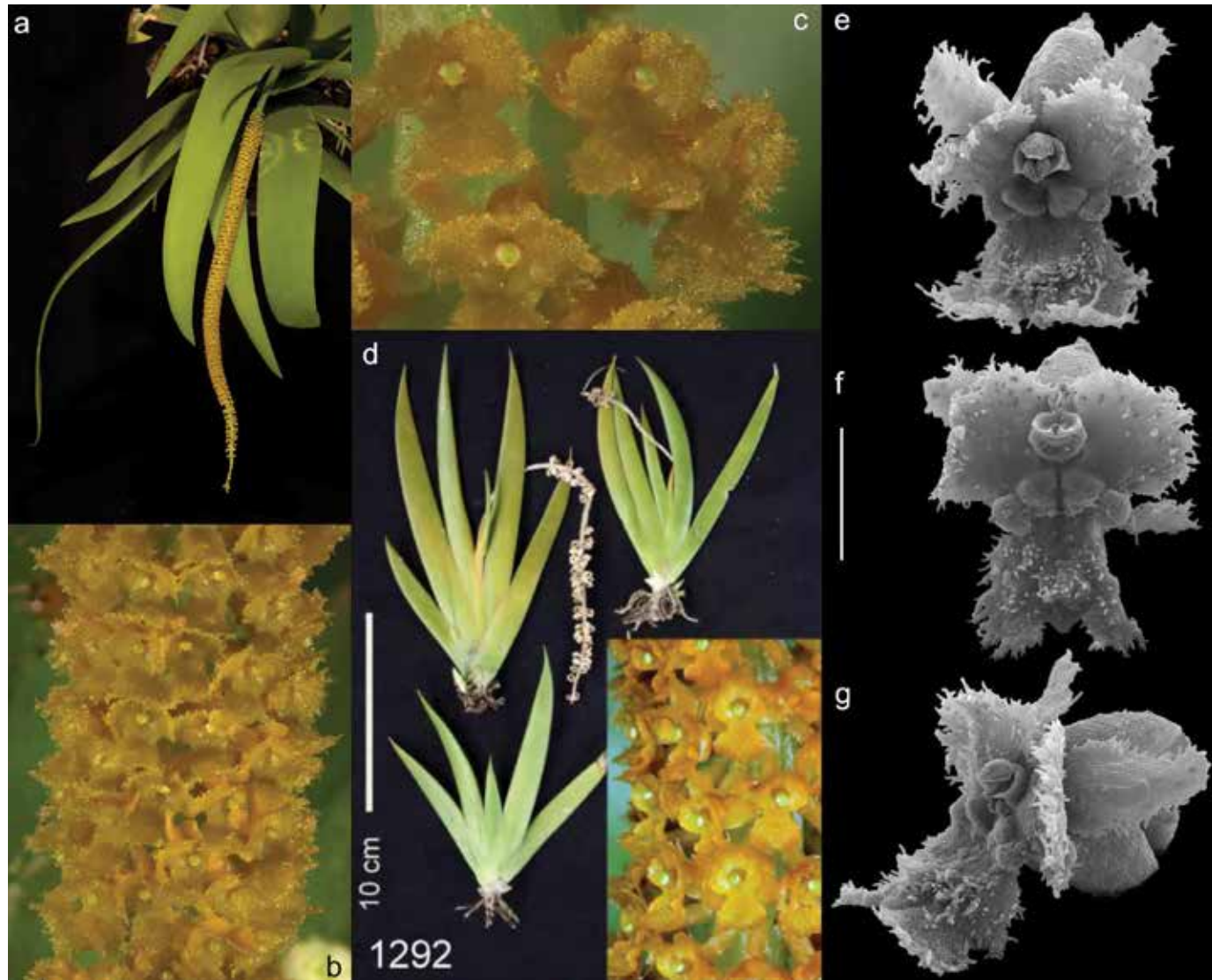
Tristin Mentry, Programs
Coordinator

Edward Sweeney, Programs
Coordinator

Cali Moreno, Custodian

Sea Center Interpreters and Visitor Services

Alyssa Arington, Kevin
Arizmendi, Olivia Banez, Sarah
Cowan, Meaghan Diebold,
Oceana DiLoreto, Sarah Ettman-
Sternner, Jordan Gallagher,
Elizabeth Jimenez, Lauren
Kapphahan, Julie Lazor, Emiliano
Lobato, Jose Lobato, Ethan
Nash, Jacob Ogawa, Savanna
Patino, Gwendolyn Rychlik,
Britney Saguache, Miranda
Toney, Dominique Bryant
Williams



Geiger, Daniel L., 2020. Studies in *Oberonia* 8 (Orchidaceae: Malaxideae). *Oberonia ensiformis*. a–c. Photograph and z-stack micrographs of cultivated specimen DLG 570, HOAG 18. a. Habit; b. portion of inflorescence; c. individual flowers; d. illustrations of *O. vesiculifera* from Averyanov et al. (2019); e–g. SEM images of flowers; e, g. DLG 570, HOAG 18; f. DLG 572, HOAG 16. — Scale bar: e–g = 1 mm.

2020 STAFF PUBLICATIONS

Geiger, Daniel L., 2020. Studies in *Oberonia* 8 (Orchidaceae: Malaxideae). Additional 24 new synonyms, a corrected spelling, and other nomenclatureal matters. *Blumea* 65: 188-203.

Geiger, Daniel L., 2020. Correction Geiger (2020) *Blumea* 65: 188-203: Studies in *Oberonia* 8 (Orchidaceae: Malaxideae). *Blumea* 65: 204.

Gimmel, Matthew L. & Richard A.B. Leschen. 2020. First report of *Austroporus doctus* (Blackburn) from New Zealand and description of its larva (Coleoptera: Phalacridae). *Papéis Avulsos de Zoologia* 60(special issue): e202060(s.i.).29.

Gimmel, Matthew L. & Karol Szawaryn. 2020. A new genus-level and two new species-level synonyms in the extinct genus *Neolitochropus* Lyubarsky & Perkovsky (Coleoptera: Cyclaxyridae). *Zootaxa* 4894(4): 598–599.

Johnson, John R. 2020. The Rancherías of Mescalitán: Chumash History and Sociopolitical Organization in the Goleta Valley, pp. 16-50 in: *Goleta Slough Prehistory: Insights Gained from a Vanishing Archaeological Record*, edited by Michael A. Glassow. Santa Barbara Museum of Natural History Contributions in Anthropology 4.

Johnston, M. Andrew & **Matthew L. Gimmel**. 2020. Review of North American Dascillidae (Coleoptera: Dascilloidea), with descriptions of dramatic female wing reduction. *The Coleopterists Bulletin* 74(4): 731–757.

Morris, Susan E., **John R. Johnson**, Pamela Munro, Steven J. Schwartz, and Ernestine Ygnacio-De Soto. 2020. The Lone Woman's Nicoleño Language. *Journal of California and Great Basin Anthropology* 40(1):7-37.



Valentich-Scott, Paul, Eugene V. Coan and Diego G. Zelaya. 2020. *Bivalve Seashells of Western South America – Marine Bivalve Mollusks from Punta Aguja, Peru to Isla Chiloe, Chile*. Santa Barbara Museum of Natural History Monographs Number 8, Studies in Biodiversity Number 6: 1-593.

Wolbach, Wendy S., Joanne P. Ballard, Paul A. Mayewski, Andrei Kurbatov, Ted E. Bunch, Malcolm A. LeCompte, Victor Adedeji, Isabel Israde-Alcántara, Richard B. Firestone, William Cl Mahaney, Adrian L. Melott, Christopher R. Morre, William M. Napier, George A. Howard, Kenneth B. Tankersley, Brian C. Thomas, James H. Wittke, **John R. Johnson**, Siddhartha Mitra, James B. Kennett, Gunther Kletetschka, and Allen West. 2020. Extraordinary Biomass-Burning Episode and Impact Winter Triggered by the Younger Dryas Cosmic Impact ~12,800 Years Ago: A Reply. *The Journal of Geology* 128:95-107.

TECHNICAL REPORTS FINANCE DIVISION

John R. Johnson. 2019. Historical Use and Occupancy of the Southern San Joaquin Valley by the Tejon Indian Tribe with Particular Regard to the Mettler Region (with contributions by Devlin Gandy). Final Report submitted to the Tejon Indian Tribe, Bakersfield, California.

Johnson, John R. 2020. Descendants of Native Rancherías in the Diablo Canyon Vicinity: A Northern Chumash Ethnohistorical Study. Final report submitted to PG&E Diablo Canyon Power Plant, September 2020.

Johnson, John R. 2020. Genealogy Study of Native Rancherías on the Diablo Canyon Lands. Letter report prepared for PG&E Diablo Canyon Power Plant, June 12, 2020.

John R. Johnson. 2020. Historical Use and Occupancy of the Southern San Joaquin Valley by the Tejon Indian Tribe with Particular Regard to the Mettler Region (with contributions by Devlin Gandy). Final Report submitted to the Tejon Indian Tribe, Bakersfield, California.

Johnson, John R., and **Kate Paulson**. 2020. Beads Recovered from Excavations at CA-SBA-133, 800 Santa Barbara Street, Santa Barbara, California. Submitted to Wood Environment and Infrastructure Solutions, Santa Barbara.

MIDDLE SCHOOL CLASSROOM TEXT

Johnson, John R. 2020. Arlington Springs Man, pp. 98-100 in: *Island Visions*, edited by Jacob Siegel Brielle. Pedal Born Pictures and Santa Barbara Middle School, Santa Barbara.

THE MUSEUM HAS SEVERAL NAMED ENDOWMENTS AND FUNDS THAT SUPPORT PARTICULAR PROGRAMS AND INITIATIVES. MANY OF THESE ENDOWMENTS WERE ESTABLISHED THROUGH BEQUESTS.

Donations can be made to support any existing fund or endowment. To discuss creating a named endowment or fund, contact Museum President & CEO Luke J. Swetland at 805-682-4711 ext. 101.

DR. CRISTEL BEJENKE FUND

Created by Cristel and George Wittenstein to provide an annual income stream to support the Museum's public programming efforts focused on science and nature.

Value as of 12/31/20 \$101,869

THOMAS WILSON DIBBLEE ENDOWMENT FOR EARTH SCIENCES

In 2001, the Museum partnered with geologist Thomas Dibblee to publish his extraordinary geological maps, and he designated his estate for the support of the map publishing effort and to establish an earth sciences position.

Value as of 12/31/20 \$1,551,445

ROBERT DOUGAN FUND FOR INNOVATIVE EDUCATION

Mr. Dougan was a librarian, bibliophile, and scholar of Ireland's greatest literary treasure, the Book of Kells. Feeling deeply about the importance of education and scholarship, he provided in his estate an endowment fund to support innovative educational programs.

Value as of 12/31/20 \$1,050,247

HEARST SCHOLARS IN MUSEUM STUDIES FUND

Endowed in 2002 with a grant from the William Randolph Hearst Foundation, this fund provides resources for college and university students to intern in various positions at the Museum.

Value as of 12/31/20 \$164,334

HOLLIS NORRIS ENDOWED FUND

Established in 2016 to provide general operating support, this endowed fund is held at the Santa Barbara Foundation.

Value as of 12/31/20 \$4,791,097

QUASARS TO SEA STARS ENDOWMENT

With a generous donation from the Hollis Norris Fund and David and Lyn Anderson, the Museum created the Quasars to Sea Stars Endowment in December 2020 to provide support for the Museum's valuable teen program.

Value as of 12/31/20 \$500,000

HOWARD/BERRY CHAIR OF MALACOLOGY

The prominence of the Museum's vast shell collection and its scientific research staff is in part based on the support of two eminent shell collectors, Faye B. Howard and Dr. S. Stillman Berry. Both these individuals left as bequests, not only their superb private collections, but also the funds to support the expansion of our Collections and Research Center and to endow this curatorial chair.

Value as of 12/31/20 \$1,458,866

THOMAS E. HUGUNIN AND ELENORE H. HUGUNIN ENDOWMENT

Established with a bequest in 2010, the Hugunin Endowment provides general operating support and is held at the Santa Barbara Foundation.

Value as of 12/31/20 \$779,339



JOHN AND PEGGY MAXIMUS ENDOWMENT FOR ANTIQUE NATURAL HISTORY ART

John and Peggy funded the creation of a gallery dedicated to antique natural history art and provided for its continued support and curation. A fund is held by the Museum and a second fund is held at the Santa Barbara Foundation.

Value as of 12/31/20 \$2,157,808

Value of Maximus Trust held at the Santa Barbara Foundation \$2,716,175

RIDDER SEA CENTER FUND

Established in 2017 with a bequest from Virginia Ridder, this fund supports exhibits and maintenance at the Sea Center.

Value as of 12/31/20 \$379,732

Schlinger Foundation Chair of Entomology Dr. Evert Schlinger was a world-renowned entomologist and a professor of biology. Believing ardently in the importance of museums for both research and education, Dr. Schlinger endowed the Schlinger Chair of Entomology in 2004.

Value as of 12/31/20 \$2,045,162

SAMUEL BLAKE SHAPIRO MEMORIAL FUND

Sam Shapiro went through the Sea Center volunteer training program when he was 12 and, over the next five years, volunteered almost 450 hours at the Sea Center. Sam's love and support of the Sea Center continues on through this fund which supports the Wet Deck's operations.

Value as of 12/31/20 \$14,739

VERTRESS L. VANDER HOOF ENDOWMENT

Established in 2018 through an estate gift from Jill Vander Hoof in honor of her father, Vertress Vander Hoof, this endowment supports the Library's operations and acquisitions.

Value as of 12/31/20 \$1,961,085

Total value of Museum's invested assets as of 12/31/20 \$48,804,027

Total value of Museum's invested assets held at the Santa Barbara Foundation as of 12/31/20 \$8,286,611

11%
CONTRACTS &
GENERATED REVENUE

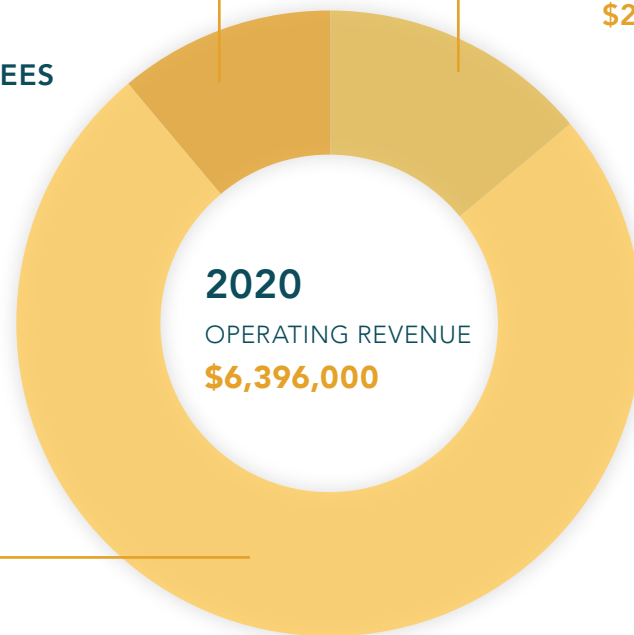
\$675,000

8% LECTURES, FIELD
TRIPS, & CAMPS
\$57,000

33% FACILITY RENTALS
\$226,000

22% CONTRACTS & FEES
\$156,000

37% OTHER
\$236,000



14%
ADMISSIONS,
STORES SALES,
MEMBERSHIP

\$856,000

35% ADMISSIONS
\$298,000

38% MEMBERSHIP
\$327,000

27% STORES
\$231,000

75%
PHILANTHROPY

\$4,542,000

58% CONTRIBUTIONS
& GRANTS
\$2,363,000

7% SPECIAL EVENTS
\$312,000

42% QUASI-ENDOWMENT
& TRUST INCOME
\$1,917,000



47%
GUEST EXPERIENCE

\$2,866,000

24% SEA CENTER
\$713,000

8% EXHIBITS
\$218,000

16% GUEST SERVICES
\$456,000

15% MARKETING
\$436,000

30% FACILITY
MAINTENANCE
\$1,043,000

18%
MANAGEMENT & GENERAL

\$1,121,000

12%
EDUCATION

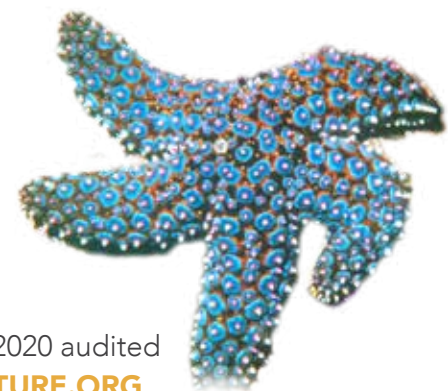
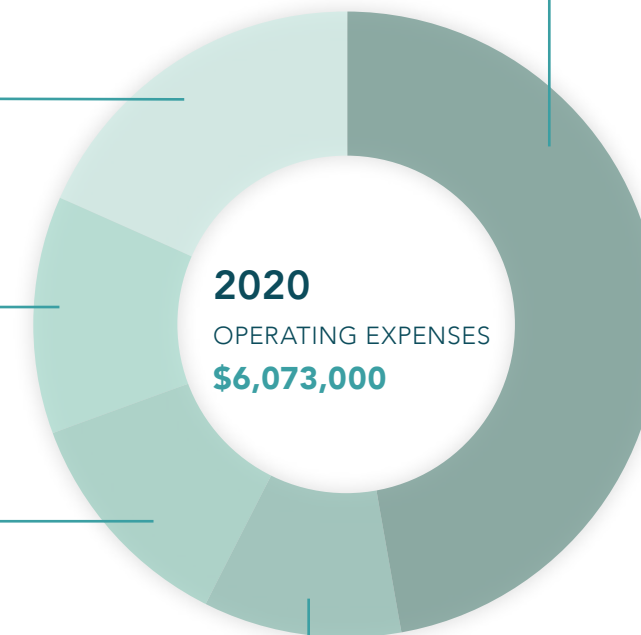
\$727,000

12%
FUNDRAISING

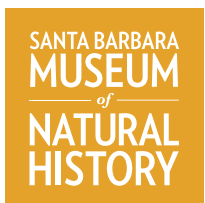
\$745,000

10%
SCIENTIFIC RESEARCH
& COLLECTIONS
MANAGEMENT

\$614,000



Read the full Fiscal year 2020 audited financial report at SBNATURE.ORG



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