



The California Academy of Sciences proudly presents a full day symposium on "*Nature's Music: The Science of Bird Song*". Eight distinguished international speakers will visit many themes that engaged Luis' interest. The fact that songbirds learn how to sing is the basis for many questions to be addressed; as humans we will often find ourselves reminded of our own speech behavior. For example, does the cultural transmission of local dialects in birdsong have anything in common with human dialects? Or similarly, when birds like parrots learn to speak, does what they say make sense? The principal functions of bird song are repelling rivals and attracting mates. But what is it about a male's voice that females find attractive, in birds as well as in humans? There is a fascinating relationship between our own music, the vocal virtuosity of birds and the attractiveness of song in its broadest sense. The exquisite tonality and intricate melodic detail of many birds' songs marks them as musicians of the first order. What kind of extraordinary musical instrument does the bird syrinx represent? And what is so special about bird brains that some so easily learn huge vocal repertoires within an amazingly short time period. We have to wonder if it is a compliment or a criticism to describe your worst enemy as bird-brained!

Symposium Moderator

Douglas Long, *California Academy of Sciences*

Welcome

Robert Drewes, *California Academy of Sciences*

Luis Baptista, a Lifetime with Birdsong

Peter Marler, *University of California, Davis*

Birdsong and Sex

Sarah Collins, *University of Nottingham, England*

Avian Song Virtuosity

Donald Kroodmsa, *University of Massachusetts, Amherst*

The Riddle of the Syrinx

Roderick Suthers, *Indiana University, Bloomington*

Learning to Sing

Henrike Hultsch, *Freie Universität, Berlin*

Singing in the Brain

Erich Jarvis, *Duke University, Durham*

Speaking of Parrots

Irene Pepperberg, *University of Arizona, Tucson*

Birdsong as Music to the Ear

Meredith West, *Indiana University, Bloomington*

Closing

Robert Bowman, *San Francisco State University*

Registration table opens at 8:30 a.m.

The symposium begins at 9 a.m. Latecomers will be seated after the first lecture. The catered reception in honor of Luis Baptista begins at 6 p.m.

Registration and Ticket Order Form

Return this form with your check made payable to the California Academy of Sciences. (Credit cards also accepted.) Enclose a stamped, self-addressed envelope and mail to:

Nature's Music: The Science of Bird Song

California Academy of Sciences

Golden Gate Park

San Francisco, California 94118-4599 USA

Name _____

Address _____

City _____

State _____ Zip/Postal Code _____

Country _____

Daytime Phone _____

Symposium only

Quantity	Ticket Price	After 9/30/01
___ Non-Member	\$45	\$55
___ CAS member	\$35	\$45
___ Student	\$25	\$35

Catered reception, 6 p.m.

___ Ticket(s) an additional \$45 per person

Total Amount Enclosed _____

Method of payment ___ check ___ credit card

Credit card information:

VISA MASTERCARD AMERICAN EXPRESS

Credit card # _____ Exp. date _____

Cardholder signature _____

No refunds, no exchanges. Your check or credit card statement is your receipt.

Baptista Memorial Fund Contributions

The fund supports the continuance of Dr. Baptista's work. A contribution of \$500 or more entitles you to one symposium ticket, a ticket to the reception in honor of Luis Baptista and acknowledgement in the program.

Enclosed is my check for _____ payable to the Baptista Memorial Fund.

(Contributions are tax deductible to the extent provided by law).

Symposium Organizing Committee

Peter Marler, *University of California Davis*

Hans Slabbekoorn, *San Francisco State University*

Sylvia Hope, *California Academy of Sciences*