

Note—Each object of each pair varied from the training exemplars in one or more dimensions (training objects were red, green, blue; triangular or square; wood or rawhide) and many objects (e.g., those that were not standard polygons, those made of plastic, wool, clay, or Play-Doh) had never been seen by the subject except on a shelf in the lab for a short period prior to testing. In all cases, Alex's response of color, shape, or matter was the first single word uttered. Entire phrases that encoded requests for other objects or actions (e.g., "I want X") were not counted, because we had evidence that such utterances were legitimate requests and not incorrect identifications (Pepperberg, in press). Alex was correct on 96/113 = 85% on all trials and 79/96 = 82.3%

on first trials ( $p < .0001$ ) with chance value of 1/3. This value for chance is conservative, in that it ignores the possibility that Alex could have produced many different erroneous vocalizations (e.g., labels for colors, shapes, materials, numerical quantities).

\*Codes: R = rose, G = green, Y = yellow, O = orange, B = blue, Gy = gray, Pp = purple, Pk = pink, Wh = white, Br = Brown, C = corner,  $\theta$  = round, Pls = plastic, H = rawhide, W = wood, K = key, P = paper, Mtl = metal, Cst = crescent.

†Numbers give the order in which Alex produced the category label (C = color, S = shape, M = matter): "1" designates which category label was his first response, "2" his second when his first was incorrect.

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## NOTICE

### SPECIAL ISSUE *PSYCHOBIOLOGY* CALL FOR MANUSCRIPTS

A special issue of *Psychobiology* is being planned in the area of Psychobiology of Sexual Differentiation and Gender-Related Behaviors. It will include both empirical research and review papers. Manuscripts should review empirical literatures, advance theory or present major sets of data. Publication of the special issue is planned for Fall 1988. The deadline for initial submissions is March 1, 1988.

Contributions intended for the special issue should be sent to the guest editor: Jane Stewart, Center for Studies in Behavioral Neurobiology, Concordia University, 1455 de Maisonneuve Blvd. West, Montreal, PQ H3G 1M8, Canada.