

Forthcoming Articles

The following is a list of *Animal Learning & Behavior* articles that are currently in press. They are given in approximate order of acceptance. Each entry includes the initials (in parentheses) and address of the author with whom to communicate for further prepublication information. The author's e-mail address is also listed, if available.

In the dark: Spatial choice when access to spatial cues is restricted.

M.F. BROWN & M.N. BING—

(M.F.B.) Dept. of Psychology, Villanova Univ., Villanova, PA 19085; brownmf@vuvaxcom.bitnet

Uncontrollable water deliveries and subsequent finickiness.

E.C. FERGUSON & R.F.S. JOB—

(R.F.S.J.) Dept. of Psychology, Univ. of Sydney, NSW 2006, Australia; soamesj@psychvax.psych.su.oz.au

Spontaneous recovery after Pavlovian conditioning with multiple outcomes.

R.A. RESCORLA—

(R.A.R.) Dept. of Psychology, Univ. of Pennsylvania, 3815 Walnut St., Philadelphia, PA 19104;
rescorla@psych.upenn.edu

Interstimulus interval determines whether ethanol produces conditioned place preference or aversion in mice.

C.L. CUNNINGHAM, D.M. OKORN, & C.E. HOWARD—

(C.L.C.) Dept. of Behav. Neurosci., L470, Oregon Health Sciences Univ., 3181 SW Sam Jackson Park Rd., Portland, OR 97201-3098; cunninggh@ohsu.edu

Integration of reinforcement effects over time.

J.M. HORNER, J.E.R. STADDON, & K.K. LOZANO—

(J.M.H.) Dept. of Psychology, The Colorado College, 14 E. Cache La Poudre, Colorado Springs, CO 80903;
jhorner@cc.colorado.edu

Some determinants of response summation.

A. AYDIN & J.M. PEARCE—

(J.M.P.) School of Psychology, Univ. of Wales, College of Cardiff, Cardiff CF1 3YG, Wales

Conditioned cardiac and behavioral response topography to an olfactory CS dissociates with age.

P.S. HUNT, M.F. HESS, & B.A. CAMPBELL—

(P.S.H.) Dept. of Psychology, Princeton Univ., Princeton, NJ 08544; pshunt@pucc.princeton.edu

Intensification of punishment effects through exposure to prolonged, fixed-duration shocks: The role of shock cues as a stimulus for fear.

D.C. ANDERSON, C.R. CROWELL, M. DEPAUL, & J. MCEACHIN—

(D.C.A.) 590 Ridgewood Rd., Tillamook, OR 97141

Divergence of conditioned eyeblink and conditioned fear in backward Pavlovian training.

K.A. MCNISH, S.L. BETTS, S.E. BRANDON, & A.R. WAGNER—

(A.R.W.) P.O. Box 208205, New Haven, CT 06520-8205; wagner@yalevm.cis.yale.edu

Odors of individuality originating from the major histocompatibility complex are masked by diet cues in the urine of rats.

H.M. SCHELLINCK, B.M. SLOTNICK, & R.E. BROWN—

(R.E.B.) Dept. of Psychology, Dalhousie Univ., Halifax, NS, Canada B3H 4J1; rebrown@is.dal.ca

Visual discrimination of real objects and pictures in pigeons.

S. WATANABE—

(S.W.) Dept. of Psychology, Keio Univ., Mita 2-15, 45, Minato-Ku, Tokyo, Japan; swat@flet.mita.keio.ac.jp

The influence of stimulus attributes on duration matching-to-sample in pigeons.

P.J. KRAEMER, C.K. RANDALL, & R.W. BROWN—

(P.J.K.) Dept. of Psychology, Univ. of Kentucky, Lexington, KY 40506; pjkrae00@ukcc.uky.edu

Retroactive interference and rate of forgetting in delayed matching-to-sample performance.

D.N. HARPER & K.G. WHITE—

(D.N.H.) Dept. of Psychology, Victoria Univ. of Wellington, P.O. Box 600, Wellington, New Zealand;
david.harper@vuw.ac.nz

Form perception and attention in pigeons.

D.S. BLOUGH & P.M. BLOUGH—

(D.S.B.) Dept. of Psychology, Box 1853, Brown Univ., Providence, RI 02912; donald_blough@brown.edu

Summation: Assessment of a configural theory.

R.A. RESCORLA—

(R.A.R.) Dept. of Psychology, Univ. of Pennsylvania, 3815 Walnut St., Philadelphia, PA 19104;
rescorla@psych.upenn.edu

One-trial simultaneous and backward excitatory fear conditioning in rats: Lick suppression, freezing, and rearing to CS compounds and their elements.

M. ALBERT & J.J.B. AYRES—

(J.J.B.A.) Dept. of Psychology, Univ. of Massachusetts, Amherst, MA 01003; joeayres@psych.umass.edu

Temporal integration in second-order conditioning and sensory preconditioning.

R.C. BARNET, R.P. COLE, & R.R. MILLER—

(R.R.M.) Dept. of Psychology, SUNY-Binghamton, Binghamton, NY 13902-6000;
rmiller@bingvmb.cc.binghamton.edu

Pigeons' serial ordering of numerosity with visual arrays.

J. EMMERTON, A. LOHMANN, & J. NIEMANN—

(J.E.) Dept. of Psychological Sciences, Purdue Univ., West Lafayette, IN 47907-1364;
jemmert@psych.purdue.edu

Rapid timing of a single transition in interfood interval duration by rats.

J.J. HIGA—

(J.J.H.) Dept. of Psych: Experimental, Duke Univ., Box 90086, Durham, NC 27708-0086;
jennifer@psych.duke.edu

Short-term spatial memory in honeybees.

M.R. ISNEC, P.A. COUVILLON, & M.E. BITTERMAN—

(M.E.B.) Bekey Lab. of Neurobiology, 1993 East-West Rd., Honolulu, HI 96822; jeffb@pbrc.hawaii.edu