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Biology Department Publications: 2001

- Allen, G. (2001). The biological basis of crime: An historical and methodological study. *Historical Studies in The Physical and Biological Sciences*, 31, 183–222.
<https://doi.org/10.1525/hsp.2001.31.2.183>
- Allen, G. E. (2001). Essays on science and society: Is a new eugenics afoot? *Science*, 294(5540), 59–61. <https://doi.org/10.1126/science.1066325>
- Allen, G. E., & Baker, J. J. W. (2001). Preface. In *Biology: Scientific process and social issues*. Fitzgerald Scientific Press.
- Allen, G. E., & MacLeod, R. M. (2001a). Editors' introduction. In *Science, history, and social activism: A tribute to Everett Mendelsohn*. Kluwer Academic Publishers.
- Allen, G. E., & MacLeod, R. M. (2001b). Preface. In *Science, history, and social activism: A tribute to Everett Mendelsohn*. Kluwer Academic Publishers.
- Allen, G. E., & MacLeod, R. M. (2001c). Radical politics and marxism in the history of science. In *Science, history and social activism: A tribute to Everett Mendelsohn* (pp. 185–201). Kluwer Academic Publishers.
- Allen, G. E., & MacLeod, R. M. (2001d). *Science, history, and social activism: A tribute to Everett Mendelsohn*. Kluwer Academic Publishers.
- Aujard, F., Herzog, E. D., & Block, G. D. (2001). Circadian rhythms in firing rate of individual suprachiasmatic nucleus neurons from adult and middle-aged mice. *Neuroscience*, 106(2), 255–261. [https://doi.org/10.1016/s0306-4522\(01\)00285-8](https://doi.org/10.1016/s0306-4522(01)00285-8)

2 Biology Department Publications: 2001

Bezanilla, M., & Quatrano, R. S. (2001). Myosin sequences from evolutionarily divergent plants [Meeting abstract]. *Journal of General Physiology*, *118*, 20A-21A.

Braude, S., Ciszek, D., Berg, N. E., & Shefferly, N. (2001). The ontogeny and distribution of countershading in colonies of the naked mole-rat (*Heterocephalus glaber*). *Journal of Zoology*, *253*(3), 351–357. <https://doi.org/10.1017/S0952836901000322>

Brown, P. K., Dozois, C. M., Nickerson, C. A., Zuppardo, A., Terlonge, J., & Curtiss, R. (2001). MlrA, a novel regulator of curli (AgF) and extracellular matrix synthesis by *Escherichia coli* and *Salmonella enterica* serovar typhimurium. *Molecular Microbiology*, *41*(2), 349–363. <https://doi.org/10.1046/j.1365-2958.2001.02529.x>

Cabral, G. B., Carvalho, L. J. C. B., & Schaal, B. A. (2001). The formation of storage root in cassava. *Cassava Biotechnology Proceedings*, 345–356.

Campbell, J. L., Klueva, N. Y., Zheng, H. G., Nieto-Sotelo, J., Ho, T. D., & Nguyen, H. T. (2001). Cloning of new members of heat shock protein HSP101 gene family in wheat (*Triticum aestivum* (L.) Moench) inducible by heat, dehydration, and ABA(1). *Biochimica Et Biophysica Acta*, *1517*(2), 270–277. [https://doi.org/10.1016/s0167-4781\(00\)00292-x](https://doi.org/10.1016/s0167-4781(00)00292-x)

Carvalho, L. J. C. B., & Schaal, B. A. (2001). Assessing genetic diversity in the cassava (*Manihot esculenta* Crantz) germplasm collection in Brazil using PCR-based markers. *Euphytica*, *120*(1), 133–142. <https://doi.org/10.1023/A:1017548930235>

Chalker, D. L., & Yao, M.-C. (2001). Nongenic, bidirectional transcription precedes and may promote developmental DNA deletion in *Tetrahymena thermophila*. *Genes & Development*, *15*(10), 1287–1298. <https://doi.org/10.1101/gad.884601>

3 Biology Department Publications: 2001

Chase, J., Wilson, W., & Richards, S. (2001). Foraging trade-offs and resource patchiness:

Theory and experiments with a freshwater snail community. *Ecology Letters*, 4.

<https://doi.org/10.1046/j.1461-0248.2001.00216.x>

Collin-Osdoby, P., Rothe, L., Anderson, F., Nelson, M., Maloney, W., & Osdoby, P. (2001).

Receptor activator of NF-kappa B and osteoprotegerin expression by human microvascular endothelial cells, regulation by inflammatory cytokines, and role in human osteoclastogenesis. *The Journal of Biological Chemistry*, 276(23), 20659–20672.

<https://doi.org/10.1074/jbc.M010153200>

Creer, D. A., de Queiroz, K., Jackman, T. R., Losos, J. B., & Larson, A. (2001). Systematics of

the anolis roquet series of the southern lesser antilles. *Journal of Herpetology*, 35(3),

428–441. <https://doi.org/10.2307/1565961>

Curtiss III, R. (2001). Vaccines and vaccine technology to prevent typhoid and salmonella

diarrheal diseases. In *Typhoid fever and other salmonellosis* (pp. 1–24). Jeou-Chou Book Co., LTD.

Curtiss, R., Blower, S., Cooper, K., Russell, D., Silverstein, S., & Young, L. (2001). Leprosy

research in the post-genome era. *Leprosy Review*, 72(1), 8–22.

<https://doi.org/10.5935/0305-7518.20010004>

Dai, S., Carcamo, R., Zhang, Z., Chen, S., & Beachy, R. N. (2001). The bacterial cytosine

deaminase gene used as a conditional negative selection marker in transgenic rice plants.

Plant Cell Reports, 20(8), 738–743. <https://doi.org/10.1007/s002990100390>

Dai, S., Zheng, P., Marmey, P., Zhang, S., Tian, W., Chen, S., Beachy, R. N., & Fauquet, C.

(2001). Comparative analysis of transgenic rice plants obtained by agrobacterium-

4 Biology Department Publications: 2001

mediated transformation and particle bombardment. *Molecular Breeding*, 7(1), 25–33.

<https://doi.org/10.1023/A:1009687511633>

Daigle, F., Graham, J. E., & Curtiss, R. (2001). Identification of salmonella typhi genes expressed within macrophages by selective capture of transcribed sequences (SCOTS).

Molecular Microbiology, 41(5), 1211–1222. [https://doi.org/10.1046/j.1365-](https://doi.org/10.1046/j.1365-2958.2001.02593.x)

[2958.2001.02593.x](https://doi.org/10.1046/j.1365-2958.2001.02593.x)

Elvin-Lewis, M. (2001). Should we be concerned about herbal remedies. *Journal of*

Ethnopharmacology, 75(2–3), 141–164. [https://doi.org/10.1016/s0378-8741\(00\)00394-9](https://doi.org/10.1016/s0378-8741(00)00394-9)

Ferris, P. J., Woessner, J. P., Waffenschmidt, S., Kilz, S., Drees, J., & Goodenough, U. W.

(2001). Glycosylated polyproline II rods with kinks as a structural motif in plant hydroxyproline-rich glycoproteins. *Biochemistry*, 40(9), 2978–2987.

<https://doi.org/10.1021/bi0023605>

Frey, S. E., Bollen, W., Sizemore, D., Campbell, M., & Curtiss, R. (2001). Bacteremia associated with live attenuated χ 8110 salmonella enterica serovar typhi ISP1820 in healthy adult

volunteers. *Clinical Immunology*, 101(1), 32–37. <https://doi.org/10.1006/clim.2001.5088>

Glor, R. E., Flecker, A. S., Benard, M. F., & Power, A. G. (2001). Lizard diversity and

agricultural disturbance in a caribbean forest landscape. *Biodiversity & Conservation*,

10(5), 711–723. <https://doi.org/10.1023/A:1016665011087>

Glor, R. E., Vitt, L. J., & Larson, A. (2001). A molecular phylogenetic analysis of diversification in amazonian anolis lizards. *Molecular Ecology*, 10(11), 2661–2668.

<https://doi.org/10.1046/j.0962-1083.2001.01393.x>

5 Biology Department Publications: 2001

- Goldman, B. S., & Kranz, R. G. (2001). ABC transporters associated with cytochrome c biogenesis. *Research in Microbiology*, 152(3), 323–329. [https://doi.org/10.1016/S0923-2508\(01\)01203-7](https://doi.org/10.1016/S0923-2508(01)01203-7)
- Gómez-Cadenas, A., Zentella, R., Sutliff, T. D., & Ho, T.-H. D. (2001). Involvement of multiple cis-elements in the regulation of GA responsive promoters: Definition of a new cis-element in the Amy32b gene promoter of barley (*hordeum vulgare*). *Physiologia Plantarum*, 112(2), 211–216. <https://doi.org/10.1034/j.1399-3054.2001.1120209.x>
- Gómez-Cadenas, A., Zentella, R., Walker-Simmons, M. K., & Ho, T.-H. D. (2001). Gibberellin/abscisic acid antagonism in barley aleurone cells. *The Plant Cell*, 13(3), 667–680.
- Goodenough, U. W. (2001a). A setback to the dialogue: Response to huston smith. *Zygon*, 36, 201–206.
- Goodenough, U. W. (2001b). Genomes, gould, and emergence. *Zygon*, 36, 383–393.
- Goodenough, U. W. (2001c). Mindful virtue, mindful reverence. *Zygon*, 36, 585–595.
- Goodenough, U. W. (2001d). Vertical and horizontal transcendence. *Zygon*, 36, 21–31.
- Goodenough, U. W. (2001e). What science can and cannot offer to a religious narrative. In J. S. Miller (Ed.), *An evolving dialogue: Theological and scientific perspectives on evolution* (pp. 329–337). Trinity Press International.
- Granok, H., Leibovitch, B. A., & Elgin, S. C. (2001). A heat-shock-activated cDNA encoding GAGA factor rescues some lethal mutations in the drosophila melanogaster trithorax-like gene. *Genetical Research*, 78(1), 13–21. <https://doi.org/10.1017/s0016672301005122>

6 Biology Department Publications: 2001

- Hayworth, D., Bowles, M., Schaal, B., & Shingleton, K. (2001). Clonal population structure of the federal threatened mead's milkweed as determined by RAPD analysis and its conservation implications. *Proceedings of the 17th North American Prairie Conference*, 182–190.
- Herzog, E. D., & Tosini, G. (2001). The mammalian circadian clock shop. *Seminars in Cell & Developmental Biology*, 12(4), 295–303. <https://doi.org/10.1006/scdb.2001.0257>
- Hickman, C. P., Roberts Jr., L. S., & Larson, A. (2001). *Integrated principles of zoology* (11th ed.). McGraw Hill.
- Huang, S., Chiang, Y. C., Schaal, B. A., Chou, C. H., & Chiang, T. Y. (2001). Organelle DNA phylogeography of *cycas taitungensis*, a relict species in taiwan. *Molecular Ecology*, 10(11), 2669–2681. <https://doi.org/10.1046/j.0962-1083.2001.01395.x>
- Inagaki, N., Maitra, R., Satoh, K., & Pakrasi, H. B. (2001). Amino acid residues that are critical for in vivo catalytic activity of CtpA, the carboxyl-terminal processing protease for the D1 protein of photosystem II. *The Journal of Biological Chemistry*, 276(32), 30099–30105. <https://doi.org/10.1074/jbc.M102600200>
- Ji, W., Gao, E., & Suga, N. (2001). Effects of acetylcholine and atropine on plasticity of central auditory neurons caused by conditioning in bats. *Journal of Neurophysiology*, 86(1), 211–225. <https://doi.org/10.1152/jn.2001.86.1.211>
- Kirk, D. L. (2001a). Germ-soma differentiation in volvox. *Developmental Biology*, 238(2), 213–223. <https://doi.org/10.1006/dbio.2001.0402>

- Kirk, D. L. (2001b). Meeting report: Viktor Hamburger honored: The Viktor Hamburger centenary celebration. *Developmental Dynamics*, 220, 290–293.
- Kirk, D. L., & Allen, G. E. (2001). Viktor Hamburger: A prepared, persistent, and deserving mind favored by many “fortuities.” *Developmental Dynamics*, 222, 545–551.
- Kirk, D. L., & Nishii, I. (2001). *Volvox carteri* as a model for studying the genetic and cytological control of morphogenesis. *Development, Growth & Differentiation*, 43(6), 621–631. <https://doi.org/10.1046/j.1440-169x.2001.00612.x>
- Kloek, A. P., Verbsky, M. L., Sharma, S. B., Schoelz, J. E., Vogel, J., Klessig, D. F., & Kunkel, B. N. (2001). Resistance to *Pseudomonas syringae* conferred by an *Arabidopsis thaliana* coronatine-insensitive (*coi1*) mutation occurs through two distinct mechanisms. *The Plant Journal: For Cell and Molecular Biology*, 26(5), 509–522. <https://doi.org/10.1046/j.1365-313x.2001.01050.x>
- Knox, A. K., Losos, J. B., & Schneider, C. J. (2001). Adaptive radiation versus intraspecific differentiation: Morphological variation in Caribbean anolis lizards. *Journal of Evolutionary Biology*, 14(6), 904–909. <https://doi.org/10.1046/j.1420-9101.2001.00358.x>
- Kolbe, J. J., & Janzen, F. J. (2001). The influence of propagule size and maternal nest-site selection on survival and behaviour of neonate turtles. *Functional Ecology*, 15(6), 772–781. <https://doi.org/10.1046/j.0269-8463.2001.00587.x>
- Kotlizky, G., Katz, A., van der Laak, J., Boyko, V., Lapidot, M., Beachy, R. N., Heinlein, M., & Epel, B. L. (2001). A dysfunctional movement protein of tobacco mosaic virus interferes with targeting of wild-type movement protein to microtubules. *Molecular Plant-Microbe Interactions*, 14(7), 895–904. <https://doi.org/10.1094/MPMI.2001.14.7.895>

8 Biology Department Publications: 2001

- Kover, P. X., & Caicedo, A. L. (2001). The genetic architecture of disease resistance in plants and the maintenance of recombination by parasites. *Molecular Ecology*, *10*(1), 1–16.
<https://doi.org/10.1046/j.1365-294x.2001.01124.x>
- Kozak, K., Montanucci, R., & McEachran, J. (2001). Genetic variation across a contact zone between montane and lowland forms of the two-lined salamander (*eurycea bislineata*) species complex: A test of species limits. *Copeia*, *2001*, 25–34.
[https://doi.org/10.1643/0045-8511\(2001\)001\[0025:GVAACZ\]2.0.CO;2](https://doi.org/10.1643/0045-8511(2001)001[0025:GVAACZ]2.0.CO;2)
- Kramer, M. G., & Templeton, A. R. (2001). Life-history changes that accompany the transition from sexual to parthenogenetic reproduction in *drosophila mercatorum*. *Evolution*, *55*(4), 748–761. [https://doi.org/10.1554/0014-3820\(2001\)055\[0748:lhctat\]2.0.co;2](https://doi.org/10.1554/0014-3820(2001)055[0748:lhctat]2.0.co;2)
- Larson, A. (2001). Utopia's garden: French natural history from old regime to revolution by Emma C. Spary [book review]. *History and Philosophy of the Life Sciences*, *23*, 306–307.
- Levin, P. A., Schwartz, R. L., & Grossman, A. D. (2001). Polymer stability plays an important role in the positional regulation of FtsZ. *Journal of Bacteriology*, *183*(21), 6498.
- Lewis, M. S., & Pikaard, C. S. (2001). Restricted chromosomal silencing in nucleolar dominance. *Proceedings of the National Academy of Sciences*, *98*(25), 14536–14540.
<https://doi.org/10.1073/pnas.251424098>
- Lewis, W. H. (2001a). Medicinal plants. In R. Robinson (Ed.), *Plant Sciences* (Vol. 3, pp. 69–72). Macmillan Reference.
- Lewis, W. H. (2001b). Psychoactive plants. In R. Robinson (Ed.), *Plant sciences* (Vol. 3, pp. 192–195). Macmillan Reference.

9 Biology Department Publications: 2001

Lewis, W. H. (2001c). Varro E. Tyler: A few remarks from Walter H. Lewis. *Economic Botany*, 55, 472–473.

Losos, J. B. (2001). Evolution: A lizard's tale. *Scientific American*, 284(3), 64–69.

<https://doi.org/10.1038/scientificamerican0301-64>

Losos, J. B., Schoener, T. W., Warheit, K. I., & Creer, D. (2001). Experimental studies of adaptive differentiation in bahamian anolis lizards. *Genetica*, 112–113, 399–415.

Ma, X., & Suga, N. (2001a). Corticofugal modulation of duration-tuned neurons in the midbrain auditory nucleus in bats. *Proceedings of the National Academy of Sciences*, 98(24), 14060–14065. <https://doi.org/10.1073/pnas.241517098>

Ma, X., & Suga, N. (2001b). Plasticity of bat's central auditory system evoked by focal electric stimulation of auditory and/or somatosensory cortices. *Journal of Neurophysiology*, 85(3), 1078–1087. <https://doi.org/10.1152/jn.2001.85.3.1078>

Ma, Y., Stern, R. J., Scherman, M. S., Vissa, V. D., Yan, W., Jones, V. C., Zhang, F., Franzblau, S. G., Lewis, W. H., & McNeil, M. R. (2001). Drug targeting mycobacterium tuberculosis cell wall synthesis: Genetics of dTDP-rhamnose synthetic enzymes and development of a microtiter plate-based screen for inhibitors of conversion of dTDP-glucose to dTDP-rhamnose. *Antimicrobial Agents and Chemotherapy*, 45(5), 1407–1416. <https://doi.org/10.1128/AAC.45.5.1407-1416.2001>

Macey, J. R., Strasburg, J. L., Brisson, J. A., Vredenburg, V. T., Jennings, M., & Larson, A. (2001). Molecular phylogenetics of western north american frogs of the *Rana boylii* species group. *Molecular Phylogenetics and Evolution*, 19(1), 131–143.

<https://doi.org/10.1006/mpev.2000.0908>

10 Biology Department Publications: 2001

Masepohl, B., Kaiser, B., Isakovic, N., Richard, C. L., Kranz, R. G., & Klipp, W. (2001). Urea utilization in the phototrophic bacterium *rhodobacter capsulatus* is regulated by the transcriptional activator NtrC. *Journal of Bacteriology*, *183*(2), 637–643.

<https://doi.org/10.1128/JB.183.2.637-643.2001>

Melville, J., & Schulte II, J. (2001). Correlates of active body temperatures and microhabitat occupation in nine species of central australian agamid lizards. *Austral Ecology*, *26*, 660–669. <https://doi.org/10.1046/j.1442-9993.2001.01152.x>

Melville, J., Schulte II, J. A., & Larson, A. (2001). A molecular phylogenetic study of ecological diversification in the australian lizard genus *ctenophorus*. *Journal of Experimental Zoology*, *291*(4), 339–353. <https://doi.org/10.1002/jez.1133>

Miller, A. J., Young, D. A., & Wen, J. (2001). Phylogeny and biogeography of rhus (anacardiaceae) based on ITS sequence data. *International Journal of Plant Sciences*, *162*(6), 1401–1407. <https://doi.org/10.1086/322948>

Misawa, H., & Suga, N. (2001). Multiple combination-sensitive neurons in the auditory cortex of the mustached bat. *Hearing Research*, *151*(1–2), 15–29. [https://doi.org/10.1016/s0300-2977\(00\)00079-6](https://doi.org/10.1016/s0300-2977(00)00079-6)

Ng, W.-O., & Pakrasi, H. B. (2001). DNA photolyase homologs are the major UV resistance factors in the cyanobacterium *synechocystis* sp. PCC 6803. *Molecular Genetics and Genomics*, *264*(6), 924–931. <https://doi.org/10.1007/s004380000383>

Nunemaker, C. S., DeFazio, R. A., Geusz, M. E., Herzog, E. D., Pitts, G. R., & Moenter, S. M. (2001). Long-term recordings of networks of immortalized GnRH neurons reveal

11 Biology Department Publications: 2001

episodic patterns of electrical activity. *Journal of Neurophysiology*, 86(1), 86–93.

<https://doi.org/10.1152/jn.2001.86.1.86>

Okunade, A. L., Lewis, W. H., Elvin-Lewis, M. P., Casper, S. J., & Goldberg, D. E. (2001).

Cinchonicine-derived alkaloids from the bark of the peruvian *ladenbergia oblongifolia*.

Fitoterapia, 72(6), 717–719. [https://doi.org/10.1016/s0367-326x\(01\)00298-2](https://doi.org/10.1016/s0367-326x(01)00298-2)

Olsen, K. M., & Schaal, B. A. (2001). Microsatellite variation in cassava (*manihot esculenta*, euphorbiaceae) and its wild relatives: Further evidence for a southern amazonian origin of domestication. *American Journal of Botany*, 88(1), 131–142.

<https://doi.org/10.2307/2657133>

O’Riain, M. J., & Braude, S. (2001). Inbreeding versus outbreeding in captive and wild populations of naked mole-rats. In J. Clobert (Ed.), *Dispersal* (pp. 143–154). Oxford University Press.

Pakrasi, H. B., Ogawa, T., & Bhattacharyya-Pakrasi, M. (2001). Transport of metals: A key process in oxygenic photosynthesis. In *Regulation of photosynthesis* (pp. 253–264). Kluwer Academic Publishers.

Parham, J. F., Simison, W. B., Kozak, K. H., Feldman, C. R., & Shi, H. (2001). New chinese turtles: Endangered or invalid? A reassessment of two species using mitochondrial DNA, allozyme electrophoresis and known-locality specimens. *Animal Conservation*, 4(4), 357–367. <https://doi.org/10.1017/S1367943001001421>

Petrucelli, S., Dai, S., Carcamo, R., Yin, Y., Chen, S., & Beachy, R. N. (2001). Transcription factor RF2a alters expression of the rice tungro bacilliform virus promoter in transgenic

12 Biology Department Publications: 2001

- tobacco plants. *Proceedings of the National Academy of Sciences of the United States of America*, 98(13), 7635–7640. <https://doi.org/10.1073/pnas.121186398>
- Pikaard, C. S. (2001). Genomic change and gene silencing in polyploids. *Trends in Genetics*, 17(12), 675–677. [https://doi.org/10.1016/s0168-9525\(01\)02545-8](https://doi.org/10.1016/s0168-9525(01)02545-8)
- Quatrano, R. S., & Eckardt, N. A. (2001). Preface. In *Plant genomics: Emerging tools*. Society of Plant Biologists.
- Rasamison, V. E., Okunade, A. L., Ratsimbason, A. M., & Rafidinarivo, E. (2001). Pregnane glycosides from *baseonema acuminatum*. *Fitoterapia*, 72(1), 5–11. [https://doi.org/10.1016/s0367-326x\(00\)00246-x](https://doi.org/10.1016/s0367-326x(00)00246-x)
- Regel, R. E., Ivleva, N. B., Zer, H., Meurer, J., Shestakov, S. V., Herrmann, R. G., Pakrasi, H. B., & Ohad, I. (2001). Deregulation of electron flow within photosystem II in the absence of the PsbJ protein. *The Journal of Biological Chemistry*, 276(44), 41473–41478. <https://doi.org/10.1074/jbc.M102007200>
- Saez-Vasquez, J., Meissner, M., & Pikaard, C. S. (2001). RNA polymerase I holoenzyme-promoter complexes include an associated CK2-like protein kinase. *Plant Molecular Biology*, 47(3), 449–459. <https://doi.org/10.1023/a:1011619413393>
- Sakai, M., & Suga, N. (2001). Plasticity of the cochleotopic (frequency) map in specialized and nonspecialized auditory cortices. *Proceedings of the National Academy of Sciences of the United States of America*, 98(6), 3507–3512. <https://doi.org/10.1073/pnas.061021698>

Schaal, B. A., & Leverich, W. J. (2001). Plant population biology and systematics. *Taxon*, 50(3), 679–695. <https://doi.org/10.2307/1223701>

Schaechter, M. (2001). Escherichia coli and salmonella 2000: The view from here. *Microbiology and Molecular Biology Reviews*, 65(1), 119–130. <https://doi.org/10.1128/MMBR.65.1.119-130.2001>

Schneider, C. J., Losos, J. B., & de Queiroz, K. (2001). Evolutionary relationships of the anolis bimaculatus group from the northern lesser antilles. *Journal of Herpetology*, 35(1), 1–12. <https://doi.org/10.2307/1566016>

Schoener, T. W., Spiller, D. A., & Losos, J. B. (2001a). Natural restoration of the species-area relation for a lizard after a hurricane. *Science*, 294(5546), 1525–1528. <https://doi.org/10.1126/science.1064396>

Schoener, T. W., Spiller, D. A., & Losos, J. B. (2001b). Predators increase the risk of catastrophic extinction of prey populations. *Nature*, 412(6843), 183–186. <https://doi.org/10.1038/35084071>

Shen, Q., Chen, C. N., Brands, A., Pan, S. M., & Ho, T. H. (2001). The stress- and abscisic acid-induced barley gene HVA22: Developmental regulation and homologues in diverse organisms. *Plant Molecular Biology*, 45(3), 327–340. <https://doi.org/10.1023/a:1006460231978>

Shen, Q., Gomez-Cadenas, A., Zhang, P., Walker-Simmons, M. K., Sheen, J., & Ho, T. H. (2001). Dissection of abscisic acid signal transduction pathways in barley aleurone layers. *Plant Molecular Biology*, 47(3), 437–448. <https://doi.org/10.1023/a:1011667312754>

14 Biology Department Publications: 2001

- Shen, W., Gómez-Cadenas, A., Routly, E. L., Ho, T. H., Simmonds, J. A., & Gulick, P. J. (2001). The salt stress-inducible protein kinase gene, Esi47, from the salt-tolerant wheatgrass *Lophopyrum elongatum* is involved in plant hormone signaling. *Plant Physiology*, *125*(3), 1429–1441. <https://doi.org/10.1104/pp.125.3.1429>
- Sheoran, A. S., Timoney, J. F., Tinge, S. A., Sundaram, P., & Curtiss III, R. (2001). Intranasal immunogenicity of a *Delta*cya *Delta*crp-pabA mutant of *Salmonella enterica* serotype typhimurium for the horse. *Vaccine*, *19*(25–26), 3591–3599. [https://doi.org/10.1016/s0264-410x\(01\)00072-x](https://doi.org/10.1016/s0264-410x(01)00072-x)
- Sifers, S. M., Yeska, M. L., Ramos, Y. M., Powell, R., & Parmarlee Jr, J. S. (2001). Anolis lizards restricted to altered edge habitats in a hispaniolan cloud forest. *Caribbean Journal of Science*, *37*, 55–62.
- Stark, K., Kirk, D. L., & Schmitt, R. (2001). Two enhancers and one silencer located in the introns of *regA* control somatic cell differentiation in *Volvox carterii*. *Genes & Development*, *15*(11), 1449–1460. <https://doi.org/10.1101/gad.195101>
- Suga, N., Gao, E., Ma, X., Sakai, M., & Chowdhury, S. (2001). Corticofugal system and processing of behaviorally relevant sounds: Perspective. *Acoustical Science and Technology*, *22*. <https://doi.org/10.1250/ast.22.85>
- Sun, F.-L., Cuaycong, M. H., & Elgin, S. C. R. (2001). Long-range nucleosome ordering is associated with gene silencing in *Drosophila melanogaster* pericentric heterochromatin. *Molecular and Cellular Biology*, *21*(8), 2867–2879. <https://doi.org/10.1128/MCB.21.8.2867-2879.2001>

15 Biology Department Publications: 2001

- Templeton, A. R. (2001). Using phylogeographic analyses of gene trees to test species status and processes. *Molecular Ecology*, 10(3), 779–791. <https://doi.org/10.1046/j.1365-294x.2001.01199.x>
- Templeton, A. R., Robertson, R. J., Brisson, J., & Strasburg, J. (2001). Disrupting evolutionary processes: The effect of habitat fragmentation on collared lizards in the missouri ozarks. *Proceedings of the National Academy of Sciences of the United States of America*, 98(10), 5426–5432. <https://doi.org/10.1073/pnas.091093098>
- Umen, J. G., & Goodenough, U. W. (2001a). Chloroplast DNA methylation and inheritance in chlamydomonas. *Genes & Development*, 15(19), 2585–2597. <https://doi.org/10.1101/gad.906701>
- Umen, J. G., & Goodenough, U. W. (2001b). Control of cell division by a retinoblastoma protein homolog in chlamydomonas. *Genes & Development*, 15(13), 1652–1661. <https://doi.org/10.1101/gad.892101>
- Verbsky, M. L., & Richards, E. J. (2001). Chromatin remodeling in plants. *Current Opinion in Plant Biology*, 4(6), 494–500. [https://doi.org/10.1016/s1369-5266\(00\)00206-5](https://doi.org/10.1016/s1369-5266(00)00206-5)
- Weisrock, D. W., Macey, J. R., Ugurtas, I. H., Larson, A., & Papenfuss, T. J. (2001). Molecular phylogenetics and historical biogeography among salamandrids of the “true” salamander clade: Rapid branching of numerous highly divergent lineages in *mertensiella luschani* associated with the rise of anatolia. *Molecular Phylogenetics and Evolution*, 18(3), 434–448. <https://doi.org/10.1006/mpev.2000.0905>

16 Biology Department Publications: 2001

Young, T. P., Chase, J. M., & Huddleston, R. T. (2001). Community succession and assembly: Comparing, contrasting and combining paradigms in the context of ecological restoration.

Ecological Restoration, 19(1), 5–18.

Zak, E., Norling, B., Maitra, R., Huang, F., Andersson, B., & Pakrasi, H. B. (2001). The initial steps of biogenesis of cyanobacterial photosystems occur in plasma membranes.

Proceedings of the National Academy of Sciences, 98(23), 13443–13448.

<https://doi.org/10.1073/pnas.241503898>