

David M. Hillis Publications:

- 1) Hillis, D. M. 1974. Cannibalism among cornsnakes, *Elaphe guttata guttata*. Bull. Maryland Herp. Soc. 10:31-32.
- 2) Hillis, D. M. 1975. The genus *Rana* in Maryland. Nat. Hist. Soc. Maryland Herp. Leaf. 16.
- 3) Hillis, D. M. 1975. A hybrid *Eumeces* from Oklahoma. Bull. Maryland Herp. Soc. 11:177-178.
- 4) Hillis, D. M. 1976. Early breeding of *Notophthalmus v. viridescens* in Allegany County, Maryland. Bull. Maryland Herp. Soc. 12:55.
- 5) Hillis, D. M., and R. Miller. 1976. An instance of overwintering of larval *Ambystoma maculatum* in Maryland. Bull. Maryland Herp. Soc. 12:65-66.
- 6) Hillis, D. M. 1977. Sex ratio, mortality rate, and breeding stimuli in a Maryland population of *Ambystoma maculatum*. Bull. Maryland Herp. Soc. 13:84-91.
- 7) Hillis, D. M. 1977. An incident of death-feigning in *Sonora semiannulata blanchardi*. Bull. Maryland Herp. Soc. 13:116-117.
- 8) Hillis, D. M. 1977. A note on predation of *Eumeces fasciatus* by a fish. Bull. Maryland Herp. Soc. 13:117.
- 9) Hillis, D. M., and D. O. Lintz. 1978. The herpetological collections of the Strecker Museum. Herpetol. Rev. 9:129-130.
- 10) Hillis, D. M., E. Milstead, and S. L. Campbell. 1980. Inland records of *Fundulus grandis* (Cyprinodontidae) in Texas. Southwest. Nat. 25:271-272.
- 11) Hillis, D. M. 1981. Premating isolating mechanisms among three species of the *Rana pipiens* complex in Texas and southern Oklahoma. Copeia 1981:312-319.
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- 14) Fitch, H. S., R. W. Henderson, and D. M. Hillis. 1982. Exploitation of iguanas in Central America. Pp. 397-417. In *Iguanas of the World* (G. M. Burghardt and A. S. Rand, eds.), Noyes publications, Park Ridge, New Jersey. 472 pp.
- 15) Hillis, D. M., and J. C. Patton. 1982. Morphological and electrophoretic evidence for two species of *Corbicula* (Bivalvia: Corbiculidae) in North America. Amer. Midl. Nat. 108:74-80.
- 16) Hillis, D. M., D. R. Frost, and J. S. Frost. 1983. Allocation and distribution of *Rana trilobata* Mocquard. J. Herpetology 17:73-75.
- 17) Hillis, D. M., J. S. Frost, and D. A. Wright. 1983. Phylogeny and biogeography of the *Rana pipiens* complex: A biochemical evaluation. Systematic Zoology 32:132-143.
- 18) Hillis, D. M., and D. C. Cannatella. 1983. Calculation of indices of genetic distance, genetic similarity, and average homozygosity: Correction of Green's computer program. J. Heredity 74:115.

- 19) Hillis, D. M., A. M. Hillis, and R. F. Martin. 1984. Reproductive ecology and hybridization of the endangered Houston toad (*Bufo houstonensis*). *J. Herpetol.* 18:56-72.
- 20) Fitch, H. S., and D. M. Hillis. 1984. The *Anolis dewlap*: Interspecific variability and morphological associations with habitat. *Copeia* 1984:315-323.
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- 23) Hillis, D. M. 1985. Evolutionary genetics of the Andean lizard genus *Pholidobolus* (Sauria: Gymnophthalmidae): Phylogeny, biogeography, and a comparison of tree construction techniques. *Systematic Zoology* 34:109-126.
- 24) Hillis, D. M., and J. S. Frost. 1985. Three new species of leopard frogs (*Rana pipiens* complex) from the Mexican Plateau. *Occ. Pap. Mus. Nat. Hist. Univ. Kansas* 117:1-14.
- 25) Hillis, D. M. 1985. Amphibian species of the World: A taxonomic and geographical reference. (D. R. Frost, ed.). Association of Systematics Collections, Lawrence, Kansas. 732 pp. (Contributing author)
- 26) Hillis, D. M., and R. L. Mayden. 1985. Spread of the Asiatic clam *Corbicula* into the New World tropics. *Southwest. Nat.* 30:454-456.
- 27) Hillis, D. M., and J. Simmons. 1986. Dynamic change of a zone of parapatry between two species of *Pholidobolus* (Sauria: Gymnophthalmidae). *J. Herpetol.* 20:85-87.
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- 29) Hillis, D. M., J. T. Collins, and J. T. Bogart. 1987. Distribution of diploid and tetraploid species of gray tree-frogs (*Hyla chrysoscelis* and *Hyla versicolor*) in Kansas. *American Midl. Nat.* 117:214-217.
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- 32) Hillis, D. M., D. S. Rosenfield, and M. Sanchez. 1987. Allozymic variability and heterozygote deficiency within and among morphologically polymorphic populations of *Liguus fasciatus* (Mollusca: Pulmonata: Bulimulidae). *Amer. Malacol. Bull.* 5:155-159.
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- 35) Hillis, D. M., and R. de Sá. 1988. Phylogeny and taxonomy of the *Rana palmipes* group (Salientia: Ranidae). *Herpetological Monographs* 2:1-26.
- 36) Bull, J. J., D. M. Hillis, and S. O'Steen. 1988. Mammalian ZFY sequences exist in reptiles regardless of sex determining mechanism. *Science* 242:567-569.

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- 44) Campbell, J. A., W. W. Lamar, and D. M. Hillis. 1989. A new species of diminutive *Eleutherodactylus* (Leptodactylidae) from Oaxaca, Mexico. *Proc. Biol. Soc. Washington* 102:491-499.
- 45) Hillis, D. M., and D. M. Green. 1990. Evolutionary changes of heterogametic sex in the phylogenetic history of amphibians. *J. Evol. Biol.* 3:49-64.
- 46) Duellman, W. E., and D. M. Hillis. 1990. Systematics of the *Hyla larinopygion* group. *Occ. Pap. Mus. Nat. Hist. Univ. Kansas* 134:1-23.
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- 49) Moritz, C., and D. M. Hillis. 1990. Molecular systematics: Context and controversies. Pp. 1-10. *In Molecular Systematics* (D. M. Hillis and C. Moritz, eds.). Sinauer Associates, Sunderland, MA.
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