

1999

1258. Painter, C.W. and Fitzgerald L.A. 1999. *Crotalus atrox*. Morphology. Herpetological Review 30(1):44.
1253. Fitzgerald, L.A., J.A. Cook, and A.L. Aquino. 1999. The molecular phylogenetics and conservation of *Tupinambis* (Sauria: Teiidae). *Copeia* 1999 (4):894-905.
1254. Fitzgerald, L.A., F. Cruz, and G. Perotti. 1999. Phenology of a lizard assemblage in the dry chaco of Argentina. *Journal of Herpetology* 33 (4):526-535.
855. Arnold, K. A. 1999. Green Kingfisher in Great Texas Birds, J.P.O'Neil and S. Winckler, editors. The University of Texas Press, Austin.
854. Arnold, K. A. 1999. Texas Bird Records Committee. Texas Birds 1: 24-28.
853. Dixon, J. R. 1999. Preface. xiii-xiv. In: Travis, N. T., J. R. Dixon, and C. R. Smith (eds.) 1999. Amphibians and Reptiles of Texas. Taxonomic and Distributional Inventory with Bibliography. Austin, Texas. Texas Systems of Natural Laboratories, Inc. v-519 pp.
852. Fitzgerald, L.A., F. Cruz, and G. Perotti. 1999. Phenology of a lizard assemblage in the dry chaco of Argentina. *Journal of Herpetology* 33 (4):526-535.
851. Fitzgerald, L.A., J.A. Cook, and A.L. Aquino. 1999. The molecular phylogenetics and conservation of *Tupinambis* (Sauria: Teiidae). *Copeia* 1999 (4):894-905
850. Gallardo, M. H., J. W. Bickham, R. L. Honeycutt, N. Kohler, and R. A. Ojeda. 1999. The first polyploid mammal: tetraploidy in a South American desert rodent. *Nature* 401: 341.
849. Greene, B. D., J. R. Dixon, M. J. Whiting, and J. M. Mueller. 1999. Reproductive ecology of the Concho water snake, *Nerodia harteri paucimaculata*. *Copeia* 1999(3):701-709.
848. Jepsen, D.B., K.O. Winemiller, D.C. Taphorn, D. Rodríguez-Olarte. 1999. Variation in age structure and growth of peacock cichlids from rivers and reservoirs of Venezuela. *Journal of Fish Biology* 55:433-450.
847. Konstantinou, H, J. D. McEachran, and J. Woolley. 1999. Systematics and Reproductive biology of catsharks of the *Galeus areae* subspecific complex (Chondrichthyes: Scyliorhinidae). *Environ. Biol. Fish.* 57: 117-129.
1198. Lacher, T.E., Jr. 1999. Author of 53 chapter entries and a total of 90 pp. In: *Encyclopedia of Deserts*, M.A. Mares (ed.), University of Oklahoma Press, Norman, OK, 654 pp.
846. Painter, C.W. and Fitzgerald L.A. 1999. *Crotalus atrox*. Morphology. Herpetological Review 30(1):44.
845. Pitts, R. M., Y. Lou, J. W. Bickham, and G. C. Ellis. 1999. Range extension for *Geomys breviceps* and *Geomys texensis* (Rodentia: Geomyidae) in Texas. *Texas Journal of Science* 51:191-193.
844. Richardson, L.R. and Gold, J.R. (1999) Systematics of *Cyprinella lutrensis* species-group species (Cyprinidae) from the southwestern United States, as inferred from restriction-site variation of mitochondrial DNA. *Southwestern Naturalist* 44: 49-56.
843. Travis, N. T., J. R. Dixon, and c. R. Smith (eds.) 1999. Amphibians and Reptiles of Texas. Taxonomic and Distributional Inventory with Bibliography. Austin, Texas. Texas Systems of Natural Laboratories, Inc. v-519 pp.
842. Whiting, M. J., J. R. Dixon and B. D. Greene. 1998 [1999]. Notes on the spatial ecology and habitat use of three sympatric *Nerodia* (Serpentes: Colubridae). *The Snake*, 28:44-50.

841. Wicksten, M. 1999. A new genus and species of snapping shrimp (Caridea: Alpheidae) from the Galapagos Islands. *Crust. Res.* 28: 104-111.
840. Wilson, L. D., R. K. Vaughan, and J. R. Dixon. 1999. Another new species of *Tantilla* of the *taeniata* Group from Chiapas, Mexico. *J. Herpetol.* 33(1):1-5.
839. Wilson, L. D., R. K. Vaughan, and J. R. Dixon. 1999. Another new species of *Tantilla* of the *taeniata* group from Chiapas, Mexico. *J. Herp.* 33 (1):1-5.

1998

1259. Fitzgerald, L.A. 1998. Book review: Harry W. Greene. Snakes: the evolution of mystery in nature. *Quarterly Review of Biology* 73:365-366.
1255. Frost D.R., H. M. Crafts, L. A. Fitzgerald, and T.A. Titus. 1998. Geographic Variation, species recognition, and molecular evolution of cytochrome oxidase I in the *Tropidurus spinulosus* complex (Iguania: Tropiduridae). *Copeia* 1998 4:839-851.
838. Arnold, K. A., and N. E. Garza, Jr. 1998. Populations and habitat requirements of Henslow's Sparrow in Texas. *Bulletin of the Texas Ornithological Society*, 31: 42-49.
837. Bickham, J. W., G. T. Rowe, G. Palatnikov, A. Mekhtiev, M. Mekhtiev, R. Yu. Kasimov, D. W. Hauschultz, J. K. Wickliffe, and W. J. Rogers. 1998. Acute and genotoxic effects of Baku Harbor sediment on Russian sturgeon, *Accipenser gueldensteidi*. *Bulletin of Environmental Contamination and Toxicology*, 61:512-518.
836. Bickham, J. W., J. A. Mazet, J. Blake, M. J. Smolen, Y. Lou, and B. E. Ballachey. 1998. Flow-cytometric determination of genotoxic effects of exposure to petroleum in mink and sea otters. *Ecotoxicology*, 7:191-199.
835. Bickham, J. W., T. R. Loughlin, D. G. Calkins, J. K. Wickliffe, and J. C. Patton. 1998. Genetic variability and population decline in Steller sea lions from the Gulf of Alaska. *Journal of Mammalogy*, 79:1390-1395.
834. Bickham, J. W., T. R. Loughlin, J. K. Wickliffe, and V. N. Burkanov. 1998. Geographic variation in the mitochondrial DNA of Steller sea lions: haplotype diversity and endemism in the Kuril Islands. *Biosphere Conservation*, 1:107-117.
833. Bickham, J. W., W. J. Rogers, and C. W. Theodorakis. 1998. Transgenerational genetic effects of environmental contamination: implications for risk assessment. *Proceedings of the American Nuclear Society, Topical Meeting on Risk-based Performance Assessment and Decision Making*, Richland/Pasco, WA, 187-194.
832. Cathey, J. C., J. W. Bickham, and J. C. Patton. 1998. Introgressive hybridization and nonconcordant evolutionary history of maternal and paternal lineages in North American deer. *Evolution*, 52:1224-1229.
831. Cronin, M. W., and J. W. Bickham. 1998. A population genetic analysis of the potential for a crude oil spill to induce heritable mutations and impact natural populations. *Ecotoxicology*, 7:259-278.
830. Fitzgerald, L.A. 1998. Book review: Harry W. Greene. Snakes: the evolution of mystery in nature. *Quarterly Review of Biology* 73:365-366.
829. Fitzpatrick, J., Jr., and M. Wicksten. 1998. A new crawfish of the genus *Procambarus* (Crustacea: Decapoda: Cambaridae) from central Texas. *Proc. Biol. Soc. Wash.* 111: 146-152.

828. Forstner, J. M., M. r. J. Forstner, and J. R. Dixon. 1998. Ontogenetic effects on prey selection and food habits of two sympatric east Texas ranids: the southern leopard frog, *Rana sphenocephala*, and the bronze frog, *Rana clamitans clamitans*. *Herpetol. Rev.* 29(4):208-211.
827. Forstner, M. R. J., J. R. Dixon, J. E. McKnight and s. K. Davis. 1998. Apparent hybridization between *Cnemidophorus gularis* and *Cnemidophorus septemvittatus* from an area of sympathy in southwest Texas. *J. Herpetol.* 32(3):418-425.
826. Frost D.R., H. M. Crafts, L. A. Fitzgerald, and T.A. Titus. 1998. Geographic Variation, species recognition, and molecular evolution of cytochrome oxidase I in the *Tropidurus spinulosus* complex (Iguania: Tropiduridae). *Copeia* 1998 4:839-851.
825. Guzman, G., and M. Wicksten. 1998. Nuevos registros de camarones de la familia Pasiphaeidae (Crustacea, Decapoda) en el norte de Chile (19° a 22° lat. Sur, 70° a 72° long. W). *Guyana Zoologica* 62: 203-210.
824. Ibrahim, A., J. R. Dixon, and I. Abdel-Nabi. 1998. An ecological study on the Texas black rat snake, *Elaphe obsoleta lindheimeri* (Baird and Girard, 1853) in Brazos county, Texas, using radiotelemetry. *J. Union Arab Biologist*, Cairo, 10(A):259-280.
823. McEachran, J. D. and J. D. Fechhelm. 1998. Fishes of the Gulf of Mexico. Vol. I. Myxiniformes to Gasterosteiformes. University of Texas Press, Austin. 1,112 p.
822. McEachran, J. D. and K. A. Dunn. 1998. Phylogenetic analysis of skates, a morphologically conservative clade of elasmobranchs (Chondrichthyes: Rajidae). *Copeia*, 1998: 271-290.
821. Sampablo-Brito, X. and J. R. Dixon. 1998. *Sceloporus chaneyi*. Chaney' Spiny Lizard. *Herp. Rev.* 29(1):52.
820. Sampablo-Brito, X., and J. R. Dixon. 1998. *Gastrophryne elegans*. Elegant Narrowmouth Toad. *Herp. Rev.* 29(1):48.
819. Schmidly, D. J. and J. R. Dixon. 1998. Obituary. William B. "Doc" Davis: 1902-1995. *J. Mammal.* 79(3):1076-83.
818. Schmidt, T.R., Bielawski, J.P. and Gold, J.R. (1998) Molecular phylogenetics and evolution of the cytochrome *b* gene in the cyprinid genus *Lythrurus* (Actinopterygii: Cypriniformes). *Copeia* 1998: 14-22.
817. Theodorakis, C. W., J. W. Bickham, T. Elbl, L. R. Shugart, and R. K. Chesser. 1998. Genetics of radionuclide-contaminated mosquitofish populations and homology between *Gambusia affinis* and *G. holbrooki*. *Environmental Toxicology and Chemistry*, 17:1992-1998.
816. Wickliffe, J. K., T. Augspurger, and J. W. Bickham. 1998. Flow cytometric analysis of hematocytes from brown pelicans (*Pelicanus occidentalis*) exposed to dioxins and heavy metals. *Bulletin of Environmental Contamination and Toxicology*, 61:239-246.
815. Wicksten, M., and P. McLaughlin. 1998. *Pagurus retrorsimanus* (Crustacea: Decapoda: Paguridae), a new and distinctive hermit crab from the eastern Pacific. *Proc. Biol. Soc. Wash.* 111: 153-157.
814. Wicksten, M. 1998. Cleaning behavior in reef fishes at Bonaire, Netherlands Antilles. *J. Nat. Hist.* 32: 13-30.

1997

1260. Palacios, R., R. Villalba, Fitzgerald L.A. 1997. *Tupinambis merianae*. Predation. *Herpetological Review* 28(4):205-6.

813. Arnold, K. A., Y-H Sun, and Y. Wang. 1997. Notes on a nest of the Tawny Fish-Owl (*Ketupa flavipes*) at Sakatang Stream, Taiwan. *Journal of Raptor Research*, 31: 387-389.
812. Bickham, J. W. 1997. Unnatural selection. 1998 Yearbook of Science and the Future, Encyclopaedia Britannica, Inc., Chicago, 108-121.
811. Bickham, J. W., J. C. Patton, S. Minzenmayer, L. L. Moulton, and B. J. Gallaway. 1997. Identification of Arctic and Bering ciscoes in the Colville River delta, Beaufort Sea coast, Alaska. Pp. 224-228, in *Fish Ecology in Arctic North America* (J. Reynolds, ed.). American Fisheries Society Symposium 19, Bethesda, MD, 345 pp.
810. Campos, E., and M. Wicksten. 1997. A new genus for the Central American crab *Pinnixa costaricana* Wicksten, 1982 (Brachyura: Pinnotherellinae). *Proc. Biol. Soc. Wash.* 110: 69-73.
809. Custer, T. W., R. K. Hines, M. J. Melancon, D. J. Hoffman, J. K. Wickliffe, J. W. Bickham, J. W. Martin, and D. S. Henshel. 1997. Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the Upper Mississippi River, USA. *Environmental Toxicology and Chemistry* 16:260-271.
808. Dixon, J. R. 1997. 1997 supplement to Texas herpetological county records and Texas herpetological literature. *Tex. Herpetol. Soc. Miscl. Pub.* (3):1-14. (THS Web page only) [hard copy upon request].
807. Dixon, J. R. 1997. Book Reviews: *Amphibians and Reptiles of New Mexico*, by W. G. Degenhardt, C. W. Painter, and A. H. Price. University of New Mexico Press, Albuquerque; 504 Pp., cloth \$35.00. *Herpetol. Rev.* 28(2):104-105
806. Fitzgerald, L.A. 1997. Book Review: J.M. Cei. (1993). *Reptiles del noroeste, nordeste, y este de la Argentina. Herpetofauna de las selvas subtropicales Puna y Pampas.* *Herpetological Journal* 7(1):32-33.
805. Forstner, M. R. J., J. R. Dixon, and D. E. Starkey. 1997. An improved technique for formalin fixation of large vertebrates. *Herpetol. Rev.*, 28(2):77.
804. Hayes-Odum, L. and J. R. Dixon. 1997. Abnormalities in embryos from a wild American alligator (*Alligator mississippiensis*) nest. *Herpetol. Rev.*, 28(2):73-75.
803. McClure, M., and M. Wicksten. 1997. Morphological variation of species of the Edwardsii group of *Alpheus* inhabiting the coastal waters of the northern Gulf of Mexico and northwestern Atlantic (Decapoda: Caridea: Alpheidae). *Proc. Biol. Soc. Wash.* 17: 480-487.
802. McEachran, J.D. 1997. Foreward to the Reprint. In: *Plagiostomia-sharks, skates, and rays* By Samuel Garman (ed.) Adam P. Summers, Benthic Press, Los Angeles. pp. Vii-xi.
801. Mould, Brian and J.D. McEachran. 1997. A revision of Garman's nomenclature. In: *Plagiostomia-sharks, skates, and rays* By Samuel Garman (ed.) Adam P. Summers, Benthic Press, Los Angeles pp. xii-xxxv.
800. Palacios, R., R. Villalba, Fitzgerald L.A. 1997. *Tupinambis merianae*. Predation. *Herpetological Review* 28(4):205-6.
799. Pitts, R. M., J. W. Bickham, O. J. Sexton, and J. Walker. 1997. Mammals of Tyson Research Center, St. Louis County, Missouri. *Transactions, Missouri Academy of Science* 31:37-43.
798. Seidel, M. E., W. G. Degenhardt, and J. R. Dixon. 1997. Geographic distribution. *Trachemys gaigeae* (Big Bend slider). *Herp. Rev.* 28(3):157.
797. Whiting, M. J., J. R. Dixon, and B. D. Greene. 1997. Spatial Ecology of the Concho water snake (*Nerodia harterti paucimaculata*) in a large lake system. *J. Herpetol.* 31(3):327-335.
796. Wicksten, M. 1997. Introduction of the ridgetail prawn *Exopalaemon carinicauda* into San Francisco Bay, California. *Calif. Fish & Game* 83: 43-44.

795. Wigley, t. B., R. G. Clawson, J. G. Dickson, J. R. Dixon, E. Domique-O'Neil, and R. A. Lancia. 1997. Wildlife communities in forested wetlands: Progress from industry-sponsored research. NCASI Tech. Bull. (30):1-21.
794. Yanosky, A. A., and J. R. Dixon. 1997. Ecological notes and population estimates on the common house frog, *Scinax nasica* Cope 1862 (Anura: Jylidae) from northeastern Argentina. Bull. Maryland Herpetol. Soc. 33(3):126-138.
793. Yanosky, A. A., C. Mercolli and J. R. Dixon. 1997. Field ecology of the pygmy toad *Bufo pygmaeus* (Anura: Bufonidae), in northeastern Argentina with notes on sympatric sibling species of the granulosus group. Bull. Maryland Herpetol. Soc. 33(2):66-77.
792. Yanosky, A. A., C. Mercolli and J. R. Dixon. 1997. Field ecology and population estimates of *Physalaemus albonotatus* (Anura: Leptodactylidae) in northeastern Argentina. Bull. Maryland Herpetol. Soc. 33(2):78-91.
791. Yanosky, A. A., C. Mercolli, and J. R. Dixon. 1997. Field ecology and population estimates of the veined tree frog, *Phrynohyas venulosa*, in the eastern Chaco of Argentina. Texas J. Sci. 49(1):

1996

790. Arnold, K. A., and V. M. Dickson. 1996. Breeding biology of the Crested Caracara in south Texas. The Wilson Bulletin, 108(3): 516-523.
789. Bickham, J. W., J. C. Patton, and T. R. Loughlin. 1996. High variability for control-region sequences in a marine mammal: implications for conservation and maternal phylogeny of Steller sea lions (*Eumetopias jubatus*). Journal of Mammalogy 77:95-108.
788. Bickham, J. W., T. Lamb, P. Minx, and J. C. Patton. 1996. Molecular systematics of the genus *Clemmys* and the intergeneric relationships of emydid turtles. Herpetologica 52:89-97.
787. Dixon J. R. and O. W. Thornton. 1996. Geographic distribution. *Acris crepitans blanchardi*. Herpetol. Rev. 27(1):29.
786. Dixon, J. R. 1996. Ten year supplement to Texas herpetological county records published in "Amphibians and Reptiles of Texas, 1987". Tex. Herp. Soc. Spec. Pub. 2, 61 P;/ [purchase from David Haynes, Secretary, Tx. Herp. Soc., 1810 Mulberry, San Antonio, Tx., 78201; Disk or hard copy].
785. Dixon, J. R. 1996. Texas Herpetological Literature: 1828-1996. Tex. Herp. Soc. Spec. Pub. 1, 201 Pp. [purchase from D. Haynes, Secretary, Tx. Herp. Soc., 1810 Mulberry, San Antonio, Tx. 78201; Disk or hard copy].
784. Dixon, J. R. 1995. Comments on the proposed conservation of the specific name *Phyllophis carinata* Gunther, 1864 (Reptilia: Serpentes). Bull. Zool. Nomencl., 52(4):345.
783. Dixon, J. R. and O. W. Thornton. 1996. Geographic distribution. *Agkistrodon contortrix laticinctus*. Herpetol. Rev. 27(1):33.
782. Dixon, J. R. and O. W. Thornton. 1996. Geographic distribution. *Bufo woodhousei woodhousei*. Herpetol. Rev. 27(1):29.
781. Dixon, J. R., and O. W. Thornton. 1996. Geographic distribution. *Chelydra serpentine serpentine*. Herpetol. Rev. 27(1):31.
780. Dixon, J. R. and O. W. Thornton. 1996. Geographic distribution. *Nerodia rhombifer rhombifer*. Herpetol. Rev. 27(1):35.

779. Dixon, J. R. and O.W. Thornton. 1996. Geographic distribution. *Rana catesbeiana*. Herpetol. Rev. 27(1):30.
778. Dixon, J. R. and O. W. Thornton. 1996. Geographic distribution. *Trachemys scripta elegans*. Herpetol. Rev. 27(1):31.
777. Dixon, J. R. and O. W. Thornton. 1996. Geographic distribution. *Terrapene ornata ornata*. Herpetol. Rev. 27(1):31.
776. Hardee, M., and M. Wicksten. 1996. Redescription and taxonomic comparison of three eastern Pacific species of *Muricea* (Cnidaria: Anthozoa). Proc. So. Calif. Acad. Sci. 95: 127-140.
775. Kristmundsdóttir, Á.Ý. and Gold, J.R. (1996) Systematics of blacktail shiners (*Cyprinella venusta*) inferred from analysis of mitochondrial DNA. Copeia 1996: 773-783.
774. McEachran, J.D. and H. Konstantinou. 1996. Survey of the variation in alar and malar thorns in skates: Phylogenetic implications (Chondrichthyes: Rajoidei). J. Morph. 228: 165-178.
773. McEachran, J.D., K.A Dunn and T. Miyake. 1996. Interrelationships of the batoid fishes (Chondrichthyes: Batoidea). In: Interrelationships of fishes, (eds.) M. L. J. Stiassny, L. Parenti D., and G. D. Johnson. Academic Press, New York. pp. 63-84.
772. Pitts, R. M., J. W. Bickham, and T. Killian. 1996. Predation of a bald-faced hornet, *Vespa maculata* on a yellowjacket, *Vespa maculifrons*. Transactions, Missouri Academy of Science 30:52.
771. Sugg, D. W., J. W. Bickham, J. A. Brooks, M. D. Lomakin, C. H. Jagoe, C. E. Dallas, M. H. Smith, R. J. Baker, and R. K. Chesser. 1996. DNA damage and radiocesium in channel catfish from Chernobyl. Environmental Toxicology and Chemistry 15:1057-1063.
770. Smith, H. M., J. R. Dixon, H. K. McCrystal and D. Chiszar. 1996. Relative priority of names of the eastern and central spotted whiptail lineages of the lizard genus *Cnemidophorus* in North America. Herpetol. Rev. 27(3):129-130.
769. Smith, J. R., O. W. Thornton, and J. R. Dixon. 1996. Geographic distribution. *Gyalopion canum*. Herpetol. Rev. 27(1):34.
768. Thornton, O. W., J. R. Smith and J. R. Dixon. 1996. Geographic distribution. *Hemidactylus turcicus*. Herpetol. Rev. 27(1):32.
767. Thornton, O. W., J. R. Smith, C. Brown, and J. R. Dixon. 1996. Geographic distribution. *Opheodrys aestivus majalis*. Herpetol. Rev. 27(1):35.
766. Vaughan, K., J. R. Dixon and J. Cook. 1996. Behavioral interference for perch sites in two species of introduced house geckos. J. Herpetol. 30(1):46-51
765. Vaughan, K., J. R. Dixon and R. A. Thomas 1996. A reevaluation of populations of *elaphe guttata* (Reptilia: Serpentes: Colubridae) in Texas. Texas J. Sci. 48(3):175-190.
764. Vaughan, R. K., J. R. Dixon, and R. A. Thomas. 1996. Amphib. Rept. 630.1-630.6.
763. Whiting, M. J. and J. R. Dixon. 1996. *Phrynosoma modestum* (Girard) Roundtail horned lizard. Cat. Amer. Amphib. Rept. 630.1-630.6.
762. Whiting, M. J., J. R. Dixon, and B. D. Greene. 1996. Measuring snake activity patterns: The influence of habitat heterogeneity on catchability. Amphib.-Rept. 17(1):47-54.
761. Wicksten, M. 1996. Anthozoans, bryozoans, brachiopods and tunicates of Rocas Alijos. Pp. 276-283 In: Schmeider, R. (ed.) Rocas Alijos. Dordrecht, Netherlands: Kluwer Acad. Press.

760. Wicksten, M. 1996. *Neocrangon zacae* (Chace, 1937) synonymized with *N. resima* (Rathbun, 1902), and compared with *N. communis* (Rathbun, 1899) (Decapoda: Caridea: Crangonidae). Proc. Biol. Soc. Wash. 109: 39-43.
759. Wicksten, M. 1996. *Parhippolyte cavernicola*, new species (Decapoda: Caridea: Hippolytidae) from the tropical eastern Pacific, with taxonomic remarks on the genera *Somersiella* and *Koror*. J. Crust. Biol. 16: 201-207.
758. Wicksten, M., R. Flynn and M. Fagerson. 1996. *Heptacarpus pictus* (Stimpson) synonymized with *Heptacarpus sitchensis* (Brandt) (Decapoda, Hippolytidae). Crustaceana 69: 71-75.
757. Yanosky, A. A., J. R. Dixon, and C. Mercolli. 1996. Ecology of the snake community at El Bagual Ecological Reserve, Northeastern Argentina. Herpetol. Nat. Hist., 4(2):97-109.

1995

756. Arnold, K. A. 1995. First specimen of Clark's Grebe for Texas: an environmental casualty. Bull. Texas Ornith. Soc., 27: 26-28.
755. Bickham, J. W. 1995. [Review of] Species evolution: the role of chromosome change. BioScience 45:725-727.
754. Bickham, J. W., C. C. Wood, and J. C. Patton. 1995. Variation in mitochondrial cytochrome b sequences and allozymes in sockeye (*Oncorhynchus nerka*). Journal of Heredity 86:140-144.
753. Dixon, J. R. 1995. Comments on the proposed conservation of the specific name of *Phyllophis carinata* Gunther, 1864 (Reptilia: Serpentes). Bull. Zool. nomencl. 52(4):345.
752. Dixon, J. R. 1995. Key to *Coleonyx*. p. 92. In: O. Flores V., F. Mendoza, Q., y G. Gonzales P. (Comps.). Recopilacion de claves para la determinacion de anfibios y reptiles de Mexico. Facultad de Ciencias, UNAM.
751. Dixon, J. R. 1995. Key to *Phyllodactylus* of Baja California. p. 95. in: O. flores V., F. Mendoza, Q., y G. Gonzales P. (Comps.). Recopilacion de claves para la determinacion de anfibios y reptiles de Mexico. Facultad de ciencias, UNAM.
750. Dixon, J. R. 1995. Key to *Phyllodactylus* of Mexico (exclusive of Baja California and Associated Islands. p. 94. in: O. Flores V., F. Mendoza, Q., y G. Gonzales P. Comps.). Recopilacion de claves para la determinacion de anfibios y reptiles de Mexico. Facultad de Ciencias, UNAM.
749. Dixon, J. R. 1995. Key to *Tomodactylus*. pp. 54-55. in: O. Flores, V., F. Mendoza Q, y G. Gonzales P. (comps), Recopilacion de claves para la determinacion de anfibios y reptiles de Mexico. Facultad de Ciencias, UNAM.
748. Dixon, J. R. 1995. [REVIEW] Snake Identification. Identity Software, 1994, Intec. Ltda., Neotropics Genera Version 1; Rio de Janeiro, Brasil; or La Mesa, CA, USA; 1.5 megs, Windows 3.1 or later, US \$69.00. Herpetol. Rev. 26(4):215-216.
747. Dixon, J. R., C. Mercolli and A. A. Yanosky. 1995. Some aspects of the ecology of *Pseudis paradoxa* from northeastern Argentina. Herpetol Rev. 26(4):183-185.
746. Dixon, J. R., J. A. Wiest, and C. M. Cei. 1993 [1995]. Revision of the netropical snake genus *Chironius* fitzinger (Serpentes: Colubridae)> Mongr. XIII. Mus. reg. Sci. nat. Tornio. [published 15 Jan. 1995]

745. Lamb, T., J. W. Bickham, T. B. Lyne, and J. W. Gibbons. 1995. The slider turtle as an environmental sentinel: multiple tissue assays using flow cytometric analysis. *Ecotoxicology* 4:5-13.
744. Lockmann, S.F., R.M. Darnell and J.D. McEachran. 1995. Temporal and vertical distribution of crab larvae in a tidal pass. *Estuaries*, 18: 255-263.
743. McAllister, C. T., S. J. Upton, S. E. Trauth, and J. R. Dixon. 1995. Coccidian parasites (Apicomplexa) from snakes in the southcentral and southwestern United States. New host and geographic records. *J. Parasit.*, 81(1):63-68.
742. McEachran, J.D. 1995. Dasyatidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 752-755.
741. McEachran, J.D. 1995. Gymuridae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 756-758.
740. McEachran, J.D. 1995. Narcinidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 769-771.
739. McEachran, J.D. 1995. Rajidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 773-777.
738. McEachran, J.D. 1995. Rhinobatidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 778-781.
737. McEachran, J.D. 1995. Torpedinidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 784-785.
736. McEachran, J.D. 1995. Urolophidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 786-792.
735. McEachran, J.D. and G. Notarbartolo di Sciara. 1995. Peces Batoideos. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 745-751.
734. McEachran, J.D. and G. Notarbartolo di Sciara. 1995. Mobilidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 759-764.
733. McEachran, J.D. and G. Notarbartolo di Sciara. 1995. Myliobatidae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 765-768.
732. McEachran, J.D. and G. Notarbartolo di Sciara. 1995. Rhinopteridae. *In:* Pacifico Centro-Oriental Vol. III Vertebrados-Parte 2, W. Fischer, F. Krupp, W. Schneider, C. Sommer, K. E. Carpenter, and V. H. Niem (eds.), FAO, Rome, pp. 782-783.
731. McEachran, J.D. and R.E. Matheson. 1995. *Breviraja mouldi* nom. nov., a Substitute name for *Breviraja schroederi* McEachran and Matheson, 1985 (Chondrichthyes: Rajoidei). *Copeia*. 240-241.
730. McGinness, K.L., G.A. Fryxell and J.D. McEachran. 1995. *Pseudonitzschia* species found in digestive tracts of northern anchovies (*Engraulis mordax*). *Canadian J. Zool.*, 73: 642-647.

729. Mercolli, C., A. A. Yanosky and J. R. Dixon. 1995. Natural history of Adenomera hylaedactyla (Anura: Leptodactylidae) in the eastern Chaco of Argentina. Bull. Maryland Herpetol. Soc. 31(3):117-129.
728. Mercolli, C., A. A. Yanosky and J. R. Dixon. 1995. The ecology of Leptodactylus elenae Heyer, 1978 (Anura: Leptodactylidae) in a protected area subtropical Argentina. Bull. Maryland Herpetol. Soc. 31(3):130-142.
727. Morales, J. C., and J. W. Bickham. 1995. Molecular systematics of the genus *Lasiurus* (Chiroptera: Vespertilionidae) based on high resolution restriction site mapping of the mitochondrial ribosomal genes. J. Mammal. 76:730-749.
726. Richardson, L.R. and Gold, J.R. (1995) Evolution of the *Cyprinella lutrensis* species-complex. II. Systematics and biogeography of the Edwards Plateau shiner, *Cyprinella lepida* (Cyprinidae: Teleostei). Copeia 1995: 28-37.
725. Richardson, L.R. and Gold, J.R. (1995) Evolution of the *Cyprinella lutrensis* species-complex. III. Geographic variation in mitochondrial DNA of the red shiner (*Cyprinella lutrensis*) – influence of Pleistocene glaciation on population dispersal and divergence. Molecular Ecology 4: 163-171.
724. Schmidt, T.R. and Gold, J.R. (1995) Systematic affinities of *Notropis topeka* (Topeka shiner) inferred from sequences of the cytochrome *b* gene. Copeia 1995: 199-204.
723. Smolen, M. J., and J. W. Bickham. 1995. Phylogenetic implications of chromosome evolution in *Geomys*. J. Mammal. 76:50-67.
722. Wicksten, M. 1995. Asociations of fishes and their cleaners on coral reefs of Bonaire, Netherlands Antilles. Copeia 1995 920: 477-481.
721. Wicksten, M. 1995. Within-species variation in *Periplanetes yucatanicus* (Ives), with taxonomic remarks on *P. pedersoni* Chace (Crustacea: Decapoda: Caridea: Palaemonidae). Proc. Biol. Soc. Wash. 108: 458-464.
720. Yanosky, A. A., C. Mercolli and J. R. Dixon. 1995. Some aspects of the ecology of two sympatric siblings species, *Leptodactylus ocellatus* (Linnaeus, 1758) and *L. chaquensis* (Cei, 1950) (Anura: Leptodactylidae), in the humid Chaco of Argentina. Bull. Maryland Herp. Soc. 31(2):78-92.

1994

719. Arnold, K. A. 1994. Common Snipe in Migratory shore and upland game bird management in North America. C. E. Braun & T.C. Tacha, eds.
718. Bickham, J. W. 1994. Genotoxic responses in blood detected by cytogenetic and cytometric assays. Pp. 141-152, in Nondestructive biomarkers in vertebrates (M. C. Fossi and C. Leonzio, eds.). Lewis Publishers, Boca Raton, FL.
717. Bickham, J. W., and M. J. Smolen. 1994. Somatic and heritable effects of environmental genotoxins and the emergence of evolutionary toxicology. Environmental Health Perspectives 102, Suppl. 12:25-28.
716. Bickham, J. W., V. L. Sawin, M. J. Smolen, and J. N. Derr. 1994. Further flow cytometric studies of the effects of triethylenemelamine on somatic and testicular tissues of the rat. Cytometry 15:222-229.
715. Camper, J. D., and J. R. Dixon. 1994. Geographic variation and systematic of the striped whipsnakes (Masticophis taeniatus Complex; Reptilia: Serpentes: Colubridae). Ann Carnegie Mus. 63(1):1-48.
714. Custer, T. W., J. W. Bickham, T. B. Lyne, T. Lewis, L. A. Ruedas, C. M. Custer, and M. J. Melancon. 1994. Flow cytometry for monitoring contaminant exposure in black-crowned night-herons. Archives of Environmental Contamination and Toxicology 27:176-179.

713. Davis, W. B. and D. Schmidly. 1994. The Mammals of Texas. Texas Parks and Wildlife Press. Austin, Texas. p. 338.
712. Dronen, N. O., C. K. Blend and J.D. McEachran. 1994. *Echinobreviceca coelorhynchae* n. gen., n. sp. (Echinobrevicecinæ n. subf.), a fellodistomid from *Coelorhynchus coelorhynchus* (Macrouridae) from the Gulf of Mexico. *J. Parasitol.*, 80:309-311.
711. Ellsworth, D. L., R. L. Honeycutt, N. J. Silvy, J. W. Bickham, and W. D. Klimstra. 1994. Historical biogeography and contemporary patterns of mitochondrial DNA variation in white-tailed deer from the southeastern United States. *Evolution* 48:122-136.
710. Ellsworth, D. L., R. L. Honeycutt, N. J. Silvy, M. H. Smith, J. W. Bickham, and W. D. Klimstra. 1994. White-tailed deer restoration to the southeastern United States: evaluating genetic variation. *J. Wildl. Manage.* 58:686-697.
709. Gold, J.R. and Li, Y.C. (1994) Chromosomal NOR karyotypes and genome size variation among squawfishes of the genus *Ptychocheilus* (Teleostei: Cyprinidae). *Copeia* 1994: 60-65.
708. Gold, J.R. and Li, Y.C. (1994) Cytosystematic evidence that the genus *Richardsonius* belongs in the western clade of phoxinin cyprinids. *Copeia* 1994: 815-818.
707. Greene, B. D., J. R. Dixon, J. M. Mueller, M. J. Whiting, and O. W. Thorton, Jr. 1994. Feeding ecology of the Concho water snake, *Nerodia harteri paucimaculata*. *J. Herpetol.* 28(2):165-172.
706. Jacob, B. A., J.D. McEachran and P. L. Lyons. 1994. Electric organs in skates:variation and phylogenetic significance (Chondrichthyes: Rajoidei). *J. Morph.*, 221: 45-63.
705. Jacob, B.A. and J.D. McEachran. 1994. Status of two species of skates, *Raja (Dipturus) teevani* and *R. (D.) floridana*, from the western North Atlantic (Chondrichthyes: Rajoidei). *Copeia*, 1994: 433-445.
704. Lee, T. E., J. W. Bickham, and M. D. Scott. 1994. Mitochondrial DNA and allozyme analysis of North American pronghorn populations. *J. Wildl. Manage.* 58:307-318.
703. Liner, E. A. and J. R. Dixon. 1994. *Sceloporus chaneyi*. *Cat. Amer. Amphib. Rept.*, 588.1.
702. McEachran, J.D. and P. R. Last. 1994. A new species of skate, *Notoraja ochroderma*, from off Queensland, Australia, with comments on the taxonomic limits of *Notoraja* (Chondrichthyes, Rajoidei). *Copeia*, 1994: 413-421.
701. Mercalli, C., J. R. Dixon, and A. A. Yanosky. 1994. Spawning and larval development of *Scinax acuminatus* Cope, 1862 (Anura: Hylidae). *Bull. Chicago Herpetol. Soc.*, 29(12):271-274.
700. Schmidt, T.R., Dowling, T.E., and Gold, J.R. (1994) Molecular systematics of the genus *Pimephales* (Cyprinidae: Teleostei). *Southwestern Naturalist* 39: 241-248.
699. Smith, H. M., J. R. Dixon and v. Wallach. 1994. Case 2875. *Coluber poecilogyrus* Wied-Neuwied. [1824] (currently *Liophis poecilogyrus*) (Reptilia, Serpentes): proposed conservation of the specific name. *Bull. Zool. Nomenclature* 51(3):250-252.
698. Smolen, M. J., and J. W. Bickham. 1994. Chromosomal variation in pocket gophers (*Geomys*) detected by sequential G-, R-, and C-band analyses. *Chromosome Research* 2:343-353.
697. Travis, T., C. Hubbs, J. D. McEachran, and C. R. Smith. 1994. Freshwater and marine fishes of Texas and the northwestern Gulf of Mexico, Taxonomic and distributional inventory and bibliography. Texas System of Natural Laboratories, Inc. Index Ser. No.FTX/NWGM-94: 1-270.
696. Wicksten, M. 1994. On the identity of snapping shrimp described and identified by W.N. Lockington, 1878. *Bull. So. Calif. Acad. Sci.* 93: 110-117.
695. Wicksten, M. 1994. Taxonomic remarks on two species of the genus *Synalpheus* from the tropical eastern Pacific (Decapoda, Alpheidae). *Bull. Ms. Nat. Hist. Nat.*, Paris, 4th ser. 16, sec. A, no. 1: 209-212.

1993

1261. Fitzgerald, L.A. 1997. Book Review: J.M. Cei. 1993. Reptiles del noroeste, nordeste, y este de la Argentina. Herpetofauna de las selvas subtropicales Puna y Pampas. *Herpetological Journal* 7(1):32-33.
694. Arnold, K. A. 1993. Environmental control of blackbirds in CRC Handbook of pest management in agriculture. Vol. I. (revised). D. Pimental, ed.
693. Bickham, J. W., B. G. Hanks, D. W. Hale, and J. E. Martin. 1993. Male fertility and ploidy diversity: implications for mode of reproduction in twist-necked turtles. *Copeia* 1993:723-727.
692. Blend, C.K., N.O. Dronen and J.D. McEachran. 1993. *Buticulotrema Stenoauchenus* gen. et sp. n. (Digenea: Opelcoelidae) from *Malacocephalus occidentalis* and *Nezumia aequalis* (Macrouridae) from the Gulf of Mexico. *J. Parastol.*, 79: 674-676.
691. Camper, J. D., L. A. Ruedas, J. W. Bickham and J. R. Dixon. 1993. The relationship of genome size with developmental rates and reproductive strategies in five families of neotropical frogs. *Life Science Advances – Genet.*, 12(1):79-87 (Kerala, India).
690. Cronin, M. A., W. J. Spearman, R. L. Wilmot, J. Patton, and J. Bickham. 1993. Mitochondrial DNA variation in chinook and chum salmon detected by restriction enzyme analysis of polymerase chain reaction (PCR) products. *Can. J. Fish. Aquat. Sci.* 50:708-715.
689. Dixon, J. R. 1993. A comment on the status of endangered species. *Bull. Chicago Herpetol. Soc.* 28(4):79-80.
688. Dixon, J. R. 1993. Supplement to the literature for the “Amphibians and Reptiles of Texas” 1987. *Smithsonian Herpetol. Infor. Ser.*, 94:1-43.
687. Dixon, J. R., A. A. Yanosky, and C. Mercolli. 1993. *Typhlops brogersmianus* Vanzolini and *Liophis almadensis* (Wagler): two new records for the snake fauna of the province of Formosa, Argentina. *Herpetol. J.* 3:72.
686. Dixon, J. R., and A. A. Yanosky. 1993. A microchip marking system for identification of Caiman hatchlings. *Bull. Maryland Herpetol. Soc.* 29(4):156-159.
685. Garth, J., and M. Wicksten. 1993. Studies on decapod crustaceans of the Pacific coast of the United States and Canada. Pp. 75-85 in: Truesdale, F. (ed.) *Crustacean Issues 8. History of Carcinology*. Rotterdam: A.A. Balkema.
684. Golay, P., H. M. Smith, D. G. Broadley, J. R. Dixon, C. McCarthy, J. C. Rage, B. Schatti, and M. Oriba. 1993. Endoglyphs and other major venomous snakes the world: a checklist. *Azemiops, Herp. Data Ctr.*, Islamic Print. & Publ. Co., Egypt.
683. Morales, J. C., B. G. Hanks, J. W. Bickham, J. N. Derr, and B. J. Gallaway. 1993. Genetic analysis of population structure in Arctic cisco (*Coregonus autumnalis*) from the Beaufort Sea. *Copeia* 1993:863-867.
682. Morales, J. C., J. C. Patton, and J. W. Bickham. 1993. Partial endonuclease digestion mapping of restriction sites using PCR-amplified DNA. *PCR Methods and Applications* 2:228-233.
681. Qumsiyeh, M. B., and J. W. Bickham. 1993. Chromosomes and relationships of long-eared bats of the genera *Plecotus* and *Otonycteris*. *J. Mamm.* 74:376-382.
680. Ruedas, L. A., J. Cook, T. Yates, and J. W. Bickham. 1993. Conservative genome size evolution in a chromosomally variable family of rodents (Rodentia: Ctenomyidae). *Genome* 36: 449-458.

679. Schmidt, T.R. and Gold, J.R. (1993) The complete sequence of the mitochondrial cytochrome *b* gene in the cherryfin shiner, *Lythrurus roseipinnis* (Teleostei: Cyprinidae). *Copeia* 1993: 880-883.
678. Smith, H. M., J. R. Dixon and V. Wallach. 1993. *Dromicus giganteus* Jan (Reptilia: Serpentes) is a Nomen nudum. *Bull. Maryland Herpetol. Soc.* 29(3):77-79.
677. Smolen, M. J., R. M. Pitts, and J. W. Bickham. 1993. A new taxon of pocket gophers (*Geomys*) from Texas. *Proc. Biol. Soc. Wash.* 106:5-23.
676. Stegeman, J. J., B. Ballachey, J. Bickham, B. Hocker, S. Kennedy, H. Thompson, and A. D. Vethaak. 1993. Implementation of biomarker-based studies. Pp. 31-48, in *Biomarkers: Research and Application in the Assessment of Environmental Health* (D. B. Peakall and L. R. Shugart, eds.). Springer-Verlag, New York, 119 pp.
675. Whiting, M. J., B. D. Greene, J. R. Dixon, A. L. Mercer, and C. C. Eckerman. 1993. Observations on the foraging ecology of the western coachwhip snake *Masticophis flagellum testaceus*. *The Snake* 24(2):157-160.
674. Whiting, M. J., J. R. Dixon, and R. Murray. 1993. Spacial distribution of a population of Texas horned lizards (*Phrynosoma cornutum*: *Phrynosomatidae*) relative to habitat and prey. *Southwestern Nat.* 39(2):150-154.
673. Wicksten, M., and R. Wright. 1993. Predation by *Latiaxis oldroydi* (Gastropoda: Coralliophilidae) on *Corynactis californica* (Anthozoa: Corallimorphidae). *Veliger* 36: 92.
672. Wicksten, M. 1993. A review and a model of decorating behavior in spider crabs (Decapoda, Brachyura, Majidae). *Crustaceana* 64: 314-325.
671. Yanosky, A. A., J. r. Dixon, and C. Mercolli. 1993. First record of *Amphisbaena dubia* Muller (Reptilia: Amphisbaenidae) in Argentina. *Bull. Maryland Herpetol. Soc.* 29(2):47-50.
670. Yanosky, A. A., J. R. Dixon, and C. Mercolli. 1993. The herpetofauna of El Bagual Ecological Reserve (Formosa, Argentina) with comments on its herpetological collection. *Bull. Maryland Herpetol. Soc.* 29(4):160-171.
669. Yanosky, A. S., J. R. Dixon and C. Mercolli. 1992 [1993]. First specific locality record for *Liophis dilepis* (Cope, 1862) in Argentina. *Rev. Esp. Herp.* 7:33-35.

1992

668. Ballinger, S. W., L. H. Blankenship, J. W. Bickham, and S. M. Carr. 1992. Allozyme and mitochondrial DNA analysis of a hybrid zone between white-tailed deer and mule deer (*Odocoileus*) in West Texas. *Biochem. Genet.* 30:1-11.
667. Bickham, J. W., V. L. Sawin, D. W. Burton, and K. McBee. 1992. Flow-cytometric analysis of the effects of triethylenemelamine on somatic and testicular tissues of the rat. *Cytometry* 13:368-373.
666. Dixon, J. R. 1992. Aspectos economicos y biologicos en la investigacion y conservacion de species amenazadas, pp. 31-33; in: Mem. III symposium internacional de fauna Silvestre, 104 pp., E. R. Cancino, J. F. Villarreal, S. E. V. Fuentes (eds), Univ. Auton. Tamaulipas, C. Victoria.
665. Dixon, J. R., A. A. Yanosky, and C. Mercolli. 1992. Dos nuevos registros para la ofidiofauna de la provincial de Formosa (Argentina): *Typhlops brongersmiana* Vanzolini y *Liophis almadensis* (Wagler). 1 p., Resumenes. II Congr. Argentino de Herpetologia, La Plata, 11-14 Nov. 1992.
664. Dixon, J. R., and A. L. Markevich. 1992. Taxonomy and geographic variation of *Liophis poecilogyrus* (Wied) from South America (Serpentes: Colubridae). *Texas J. Sci.* 44(2):131-166.

663. Dixon, J. R., and E. J. Michaud. 1992. Shaw's black-backed snake (*Liophis melanotus*) (Serpentes: Colubridae) of northern South America. *J. Herpetol.* 26(3):250-259.
662. Gallagher, D. S., and J. R. Dixon. 1992. Taxonomic revision of the South American Lizard genus *Kentropyx Spix* (Sauria: Teiidae). *Boll. Mus. reg. nat. Torino* 10(1):1-46.
661. Gold, J.R., Li, Y.C., Birkner, M.C., and Jenkin, J.D. (1992) Chromosomal NOR karyotypes and genome sizes in *Dionda* (Osteichthys: Cyprinidae) from Texas and New Mexico. *Southwestern Naturalist* 37: 217-222.
660. Jenkin, J.D. and Gold, J.R. (1992) Chromosomal NOR phenotypes of two species of North American cyprinid fishes (Cyprinidae: Teleostei). *Texas Journal of Science* 44: 241-245.
659. Jenkin, J.D., Li, Y.C., and Gold, J.R. (1992) Cytogenetic studies in North American minnows (Cyprinidae). XXVI. Chromosomal NOR phenotypes of 21 species from the western United States. *Cytologia* 57: 443-453.
658. Liner, E. A., and J. R. Dixon. 1992. A new species of *Sceloporus scalaris* group from Cerro Peña Nevada, Nuevo Leon, Mexico (Sauria: Iguanidae). *Texas J. Sci.* 44(4):421-427.
657. Lockwood, S. F., and J. W. Bickham. 1992. Genome size in Beaufort Sea coastal assemblages of Arctic cisco. *Trans. Amer. Fish. Soc.* 121:13-20.
656. Lyne, T. B., J. W. Bickham, T. Lamb, and J. W. Gibbons. 1992. The application of bioassays in risk assessment of environmental pollution. *Journal of Risk Analysis* 12:361-365.
655. McClure, M.R. and J.D. McEachran. 1992. Hybridization between *Prionotus alatus* and *P. paralatus* in the northern Gulf of Mexico (Pisces: Triglidae). *Copeia*, 1992: 1039- 1046.
654. Miyake, T., J.D. McEachran and B.K. Hall. 1992. Edgeworth's legacy of cranial muscle development with an analysis of muscles in the ventral gill arch region of batoid fishes (Chondrichthyes: Batoidea). *J. Morph.*, 212: 213-256.
653. Miyake, T., J.D. McEachran, P.J. Walton and B.K. Hall. 1992. Development and morphology of rostral cartilages in ventral cartilages in batoid fishes (Chondrichthyes, Batoidei), with comments on homology within vertebrates. *Biol. J. Linn. Soc., London* 46: 259-298.
652. Powers, P.K. and Gold, J.R. (1992) Cytogenetic studies in North American minnows (Cyprinidae). XX. Chromosomal NOR variation in the genus *Luxilus*. *Copeia* 1992: 332-343.
651. Ruedas, L. A., and J. W. Bickham. 1992. Morphological differentiation between *Rhogeoessa minutilla* and *R. tumida* (Mammalia: Chiroptera: Vespertilionidae). *Proc. Biol. Soc. Wash.* 105:403-409.
650. Shugart, L., J. W. Bickham, G. Jackim, G. McMahon, J. Stein, S. A. Steinert, and W. P. Ridley. 1992. DNA alterations. Pp. 125-153, in The existing and potential value of biomarkers in evaluating exposure and environmental effects of toxic chemicals (R. J. Huggett, P. M. Mehrle, H. L. Bergman, and R. A. Kimerle, eds.). Lewis Publishers, Boca Raton, Florida.
649. Theodorakis, C. W., S. J. D'Surney, J. W. Bickham, T. B. Lyne, B. Bradley, W. E. Hawkins, W. L. Farkas, J. F. McCarthy, and L. R. Shugart. 1992. Sequential expression of biomarkers in bluegill sunfish exposed to contaminated sediment. *Ecotoxicology* 1:45-73.
648. Wicksten, M., and M. Hendrickx. 1992. A checklist of penaeoid and caridean shrimps (Decapoda: Penaeoidea, Caridea) from the eastern tropical Pacific. *Proc. San Diego Soc. Nat. Hist.* 9: 1-11.
647. Wicksten, M. 1992. A new species of *Alpheopsis* (Decapoda, Alpheidae) from the tropical eastern Pacific, with a key to the species of *Alpheopsis* of the Americas. *Crustaceana* 63: 51-56.
646. Yanosky, A. A., J. R. Dixon, and C. Mercolli. 1992. *Amphisbaena dubia*: Un a nueva especie para la fauna Argentina. 1 p., Resumenes. II Congr. Argentino de Herpetología, La Plata, 11-14 Nov. 1992.

1991

645. Baker, R. J., C. Porter, B. G. Hanks, and J. W. Bickham. 1991. Increased variation in cellular DNA content at a hybrid zone: Hybrid breakdown in *Peromyscus leucopus*. *J. Hered.*, 82:27-30.
644. Bradley, R. D., S. K. Davis, S. F. Lockwood, J. W. Bickham, and R. J. Baker. 1991. Hybrid breakdown and cellular DNA content in a contact zone between two species of pocket gophers (*Geomys*). *J. Mammal.* 72:697-705.
643. Derr, J. N., D. W. Hale, D. L. Ellsworth, and J. W. Bickham. 1991. Fertility assessment from a first filial generation male white-tailed deer (*Odocoileus virginianus*)/mule deer (*O. hemionus*) hybrid. *J. Reprod. Fert.* 93:111-117.
642. Dixon, J. R. 1991. Geographic variation and taxonomy of *Liophis almadensis* (Wagler) (Serpentes: Colubridae), and the description of a new species of *Liophis* from Argentina and Bolivia. *Texas J. Sci.*, 43(3):225-236.
641. Gold, J.R. and Li, Y.C. (1991) Trypsin G-banding of North American cyprinid chromosomes: phylogenetic considerations, implications for fish chromosome structure, and chromosomal polymorphism. *Cytologia* 56: 199-208.
640. Lamb, T., J. W. Bickham, J. W. Gibbons, M. J. Smolen, and S. McDowell. 1991. Genetic damage in a population of slider turtles (*Trachemys scripta*) inhabiting a radioactive reservoir. *Arch. Environ. Contam. Toxicol.* 20:138-142.
639. Lee, T. E., M. D. Engstrom, and J. W. Bickham. 1991. Banded chromosomes of four species of pocket mice (Rodentia: Heteromyidae). *Texas J. Sci.* 43:33-38.
638. Li, Y.C. and Gold, J.R. (1991) Cytogenetic studies in North American minnows (Cyprinidae). XXII. Chromosomal NORs in the genus *Pimephales*. *Canadian Journal of Zoology* 69: 2826-2830.
637. Li, Y.C. and Gold, J.R. (1991) Standard and NOR-stained karyotypes of three species of North American cyprinid fishes. *Texas Journal of Science* 43: 207-211.
636. Lockwood, S. F., and J. W. Bickham. 1991. Genetic stock assessment of spawning Arctic cisco (*Coregonus autumnalis*) populations by flow cytometric determination of DNA content. *Cytometry* 12:260-267.
635. Lockwood, S. F., B. S. Holland, J. W. Bickham, B. G. Hanks, and J. J. Bull. 1991. Intraspecific genome size variation in a turtle exhibiting temperature-dependant sex determination (*Trachemys scripta*). *Can. J. Zool.* 69:2306-2310.
634. Lockwood, S. F., B. T. Seavey, R. E. Dillinger, Jr., and J. W. Bickham. 1991. Variation in DNA content among age classes of broad whitefish (*Coregonus nasus*) from the Sagavanirktok River delta. *Canadian Journal of Zoology* 69:1335-1338.
633. McEachran, J. D. 1991. Mississippi/Alabama marine ecosystem study: fish taxonomy. In: U.S. Department of the Interior, Minerals Management Service Proceeding: eleventh annual Gulf of Mexico information transfer meeting 1990. U. S. Dept. Interior. Minerals Management Service, New Orleans, La. MMS Contract No. 14-35-0001- 30499. OCS MMS 91-0040. pp.
632. Miyake, T. and J.D. McEachran. 1991. The morphology and evolution of the ventral gill arch skeleton in batoid fishes (Chondrichthyes, Batoidei). *Zool. J. Linn. Soc.*, London, 102: 75-100.
631. Morales, J. C., S. W. Ballinger, J. W. Bickham, I. F. Greenbaum, and D. A. Schlitter. 1991. Genetic relationships among eight species of *Eptesicus* and *Pipistrellus* (Chiroptera: Vespertilionidae). *J. Mamm.* 72:286-291.

630. Raschi, W.G. and J.D. McEachran 1991. *Rhinoraja longi*, a new species from the Aleutian Islands, with comments on the status of *Rhinoraja* (Chondrichthyes, Rajoidei). Canadian J. Zool., 69: 1889-1903.
629. Reed, K. M., B. G. Hanks, J. W. Bickham, A. G. J. Rhodin, and I. F. Greenbaum. Cytogenetic analysis of *Phrynops hogei* (Testudines: Pleurodira). Amphibia-Reptilia 12:203-212.
628. Vance, T., F. S. Hendricks, and H. M. Smith. 1991. The status of *Cnemidophorus tigris reticuloriens* Vance, 1978 (Reptilia: Lacertilia). Bull. Maryland Herp. Soc., 27(2):95-98.
627. Wicksten, M. 1991. *Pandalus gurneyi* synonymized with *Pandalus danae* Stimpson (Decapoda: Pandalidae). Proc. Biol. Soc. Wash. 104: 812-815.
626. Wicksten, M.K. 1991. Key to the hippolytid shrimp of the eastern Pacific Ocean. U.S. Fish. Bull. 88: 587-598.

1990

625. Amemiya, C.T. and Gold, J.R. (1990) Chromosomal NOR phenotypes of seven species of North American Cyprinidae, with comments on cytosystematic relationships of the *Notropis volucellus* species-group, *Opsopoeodus emiliae*, and the genus *Pteronotropis*. Copeia 1990: 68-78.
624. Amemiya, C.T. and Gold, J.R. (1990) Cytogenetic studies in North American minnows (Cyprinidae). XVII. Chromosomal NOR phenotypes of 12 species with comments on cytosystematic relationships among 50 species. Hereditas 112: 231-247.
623. Bickham, J. W. 1990. Flow cytometry as a technique to monitor the effects of environmental genotoxins on wildlife populations. Pp. 97-108, in In Situ Evaluations of Biological Hazards of Environmental Pollutants (S. S. Sandhu et al., eds.). Plenum Publ. Corp., New York, 277 pp.
622. Breen, R., and M. Wicksten. 1990. Movement and habitat selection in tagged rock crabs (*Cancer antennarius*) in intertidal channels at James V. Fitzgerald Marine Life Refuge, California. Bull. So. Calif. Acad. Sci. 89: 10-18.
621. Camper, J.D., and J.R. Dixon. 1990. High incidence of melanism in *Masticophis taeniatus girardi* (Reptilia: Colubridae), from the Cuatro ciénegas Basin of Coahuila, Mexico. Texs J. Sci., 42(2):202-204.
620. Christiansen, J. L., B. J. Gallaway, and J. W. Bickham. 1990. Population estimates and geographic distribution of the yellow mud turtle (*Kinosternon flavescens*) in Iowa. Proc. Iowa Acad. Sci. 97:105-108.
619. Dixon, J. R. 1990. The Amphibians and Reptiles of Louisiana. Copeia 1990(1):258-259.
618. Gold, J.R., Jenkin, J.D., and Powers, P.K. (1990) Cytogenetic studies in North American minnows (Cyprinidae). XVIII. Chromosomal NOR variation among eight species. Cytologia 55: 483-492
617. Gold, J.R., Ragland, C.J., and Schleisinger, L.J. (1990) Genome size variation and evolution in North American cyprinid fishes. Genetique, Selection, and Evolution 22: 11-29.
616. Gold, J.R. and Zoch, P.K. (1990) Intraspecific variation in chromosomal nucleolus organizer regions in *Notropis chrysoccephalus* (Pisces: Cyprinidae). Southwestern Naturalist 35: 211-215.
615. Kizirian, D. A., W. K. King, and J. R. Dixon. 1990. Life history notes: *Garptemys versa* (Texas map turtle). Size maximum and diet. Herpetol. Rev., 21(3):60.
614. Liner, E. A., A. H. Chaney, J. R. Dixon, and J. R. Schudday. 1990. Geographic distribution: *Thamnophis cyrtopsis pulchrilatus* (NCN). Mexico: Nuevo Leon. Herpetol. Rev., 21(2):42.

613. McBee, K. and J. W. Bickham. 1990. Mammals as bioindicators of environmental toxicity. Pp. 37-88, in Current Mammalogy (H. H. Genoways, ed.), Plenum Publ. Corp., New York.
612. McEachran, J. D. and B. Seret. 1990. Myliobatidae In: Checklist of the fishes of the eastern tropical Atlantic (CLOFETA). (eds.) J. C. Quero, J. C. Hureau, C. Karrer, A. Post and L. Saldanha. UNESCO, Lisbonne. pp. 67-70.
611. McEachran, J.D. 1990. Why are there so many species of rays? Chondros, 2: 1-6.
610. McEachran, J.D. and B. Seret 1990. Gymnuridae In: Checklist of the fishes of the eastern tropical Atlantic (CLOFETA). (eds.) J. C. Quero, J. C. Hureau, C. Karrer, A. Post and L. Saldanha. UNESCO, Lisbonne. pp. 64-66.
609. McEachran, J.D. and B. Seret. 1990. Mobulidae In: Checklist of the fishes of the eastern tropical Atlantic (CLOFETA). (eds.) J. C. Quero, J. C. Hureau, C. Karrer, A. Post and L. Saldanha. UNESCO, Lisbonne. pp. 73-76.
608. McEachran, J.D. and B. Seret. 1990. Rhinopteridae In: Checklist of the fishes of the eastern tropical Atlantic (CLOFETA). (eds.) J. C. Quero, J. C. Hureau, C. Karrer, A. Post and L. Saldanha. UNESCO, Lisbonne. pp. 71-72.
607. McEachran, J.D. and T. Miyake. 1990. Phylogenetic interrelationships of skates: a working hypothesis. In: Elasmobranchs as living resources. eds. H. L. Pratt, Jr., T. Taniuchi and S. H. Gruber. U.S. Dep. Comm. NOAA Tech. Rept. NMFS, 90: 285-304.
606. McEachran, J.D. and T. Miyake. 1990. Zoogeography and bathymetry of skates (Chondrichthyes, Rajoidei). In: Elasmobranchs as living resources. eds. H.L. Pratt, Jr., T. Taniuchi and S.H. Gruber. U.S. Dep. Comm. NOAA Tech. Rept. NMFS, 90: 305-326.
605. Ruedas, L. A., T. E. Lee, Jr., J. W. Bickham, and D. A. Schlitter. 1990. Chromosomes of five species of vespertilionid bats from Africa. J. Mamm. 71:94-100.
604. Wicksten, M. 1990. Caridean and stenopodid shrimp of the Galapagos Islands. Pp. 147-156 in: James, M. ed. Galapagos marine invertebrates. New York: Plenum Publ.
603. Wicksten, M. 1990. On the status of *Alpheus barbara* Lockington (Crustacea: Caridea: Alpheidae). Proc. Biol. Soc. Wash. 103: 100-102.