

REFERENCES

- ALBERCH, P., S.J. GOULD, G.F. OSTER and D.B. WAKE. 1979. Size and shape in ontogeny and phylogeny. *Paleobiology* 35: 296-312.
- ALCALA, A.C. and W.C. BROWN. 1967. Population ecology of the tropical scincoid lizard, *Emoia atrocostata*, in the Philippines. *Copeia* 1967, 596-604.
- ANDREWS, R.M. 1971. Food resource utilization in some tropical lizards. Ph.D. Dissertation, Univ. Kansas, Lawrence.
- ANDREWS, R.M. 1982. Patterns of growth in reptiles. In C. Gans and F. HARVEY POUGH (eds.), *Biology of the Reptilia*. Academic Press.
- BAKER, J.R. 1947. The seasons in a tropical rainforest. Part 6. Lizards (*Emoia*). *J. Linn. Soc. Lond.*, 41: 243-247.
- BALLINGER, R.E. 1973. Comparative demography of two viviparous iguanid lizards (*Sceloporus jarrovi* and *Sceloporus poinsetti*). *Ecology* 54: 269-283.
- BALLINGER, R.E. 1977. Reproductive strategies: food availability as a source of proximal variation in a lizard. *Ecology* 58: 628-635.
- BALLINGER, R.E. 1983. Life-history variations. In: R.B. HUEY, E.R. PIANKA and T.W. SCHONER (eds.), *Lizard ecology: studies of a model organism*. Harvard University Press, Cambridge, Massachusetts.
- BALLINGER, R.E. and J.D. CONGDON. 1980. Food resource limitation of body growth rates in *Sceloporus scalaris* (Sauria: Iguanidae). *Copeia* 1980: 921-923.

- BALLINGER, R.E. and D.W. TINKLE. 1979. On the cost of tail regeneration to body growth in lizards (Reptilia: Lacertilia). *J. Herpetology* 13: 374-375.
- BARBAULT, R. 1967. Recherches écologiques dans la savane de Lamto (Côte d'Ivoire): le cycle annuel de la biomasse des amphibiens et des lézards. *La Terre et la Vie* 21: 297-318.
- BARBAULT, R. 1973. Structure et dynamique d'un peuplement de lézard: les Scincidae de la savane de Lamto (Côte d'Ivoire). Ph.D. diss. University of Paris.
- BARBAULT, R. 1974a. Structure et dynamique d'un peuplement de lézards: les Scincidae de la savane de Lamto (Côte d'Ivoire). *La Terre et la Vie* 28: 352-428.
- BARBAULT, R. 1974b. Ecologie comparée de lézards *Mabuya blandingi* (Hallowell) et *Panaspis kitsoni* (Boulenger) dans les forêts de Lamto (Côte d'Ivoire). *Ibid.* 28: 95-117.
- BARBAULT, R. 1974c. Dynamique des populations naturelles du lézard *Panaspis nimbaensis* dans les savanes de Lamto (Côte d'Ivoire). *Bull. Soc. Zool. France* 99: 345-361.
- BARBAULT, R. 1974d. Structure et dynamique des populations naturelles du lézard *Mabuya buettneri* dans les savanes de Lamto (Côte d'Ivoire). *Bull. Ecol.* 5: 105-121.
- BARBAULT, R. 1974e. Observations écologiques dans la savane de Lamto (Côte d'Ivoire): structure trophique de l'herpetocénose. *Bull. Ecol.* 1: 7-25.
- BARBAULT, R. 1974f. Les peuplements d'amphibiens et des reptiles de la savane de Lamto. *Bull. de Liaison des Chercheurs de Lamto* 4: 1-37.
- BARBAULT, R. 1975a. Observations écologiques sur la reproduction des lézards tropicaux: les stratégies de ponte en forêt et en savane. *Bull. Soc. Zool. des France Revue des Questions Scientifiques.* Tome 100: 153-168.

- BARBAULT, R. 1975b. Les peuplements de lézards de savanes de Lamto (Côte d'Ivoire). *Ann. de Univ. d'Abidjan Ser. E.8:* 149-221.
- BARBAULT, R. 1976. Population dynamics and reproductive patterns of three African skinks. *Copeia* 1976: 483-490.
- BARBAULT, R. 1977. Structure et dynamique d'une herpetocénose de savane (Lamto, Côte d'Ivoire). *Geo-Ecol. Trop.* 4: 309-334.
- BARBAULT, R. 1983. Reptiles in savanna ecosystems. In: F. BOURLIERE (ed.). *Tropical Savannas.* Elsevier Publ. Comp. Amsterdam.
- BARBAULT, R. and C. LECORDIER. 1977. Limitation, stabilization et régulation des populations naturelles: les théories. *Revue des Questions Scientifiques*, Tome 148: 3-20.
- BARTHOLEMEW, G.A. 1950. The effects of artificially controlled temperature and day length on gonadal development in a lizard, *Xantusia vigilis*. *An. Rec.* 106: 49-60.
- BARTHOLEMEW, G.A. 1953. The modification by temperature of the photoperiodic control of gonadal development in the lizard *Xantusia vigilis*. *Copeia* 1953: 45-50.
- BARWICK, R.E. 1959. The life-history of the common New Zealand skink *Leiolopisma zelandica* (Gray, 1843). *Trans. Roy. Soc. New Zealand* 86: 331-380.
- BARWICK, R.E. 1965. Studies on the scincid lizard, *Egernia cunninghami* (Gray, 1832). Ph.D. Thesis, Australian National University, Canberra.
- BELMONT, C.M. 1977. Resource partitioning and habitat selection in ground skinks. B.Sc. Honours Thesis, University of New England, Armidale.
- BENNETT, A.F. 1983. Ecological consequences of activity metabolism. In: R.B. HUEY, E.R. PIANKA and T.W. SCHOENER (eds.), *Lizard ecology: studies of a model organism.* Harvard University Press, Cambridge, Massachusetts.

- BERRY, K.H. 1974. The ecology and social behaviour of the Chuckwala, *Sauromalus obesus* Baird. *Univ. California Publ. Zool.*, 101: 1-60.
- BLAIR, F.W. 1960. *The rusty lizard: A population study.* Univ. of Texas Press, Austin.
- BONNER, J.T. and H.S. HORN. 1982. Selection for size, shape and development timing. In: J.T. BONNER (ed.), *Evolution and Development*. Springer-Verlag, Berlin.
- BRADSHAW, S.D. 1981. Ecophysiology of Australian desert lizards: studies on the genus *Amphibolurus*. In: A. KEAST (ed.), *Ecological Biogeography of Australia*. Dr W. Junk b.v. Publishers, The Hague.
- BRECKNRIDGE, W.J. 1943. The life-history of the blacklined skink *Eumeces septentrionalis septentrionalis* (Baird). *Amer. Midl. Natur.* 29: 591-606.
- BRODY, S. 1945. *Bioenergetics and Growth.* Reinhold Publishing Corp. New York.
- BROOKE, M. DE. L. and D.C. HOUSTON. 1983. The biology and biomass of the skinks *Mabuya sechellensis* and *Mabuya wrighti* on Cousin Island, Seychelles (Reptilia: Scincidae). *J. Zool. London* 200: 179-195.
- BROOKS, G.R. Jr. 1967. Population ecology of the ground skink, *Lygosoma laterale* (Say). *Ecol. Monogr.* 37: 72-87.
- BURRAGE, B.R. 1973. Comparative ecology and behaviour of *Chamaeleo pumilus pumilus* (Gmelin) and *C. namaquensis* A. Smith. *Ann. S. Afr. Mus.* 61-1-58.
- BUSACK, S.D. 1975. Biomass estimates and thermal environment of a population of the fringe-toed lizard, *Acanthodactylus pardalis*. *British J. Herp.* 5: 457-495.

- BUSTARD, R.H. 1970a. *Australian Lizards*. Collins, Sydney.
- BUSTARD, H.R. 1970b. A population study of the scincid lizard *Egernia striolata* in northern New South Wales. *Proc. Ser. C. Koninkl. Nederl. Akad. Wetenschappen* 73: 186-212.
- CAGLE, F.R. 1946. A lizard population on Tinian. *Copeia* 1946: 4-9.
- CASE, T.J. 1975. Species numbers, density compensation and colonizing ability of lizards on islands in the Gulf of California. *Ecology* 56: 3-18.
- CHABRECK, R.H. and T. JOANEN. 1979. Growth rates of American alligators in Louisiana. *Herpetologica* 35: 51-57.
- CHAPMAN, B.M. and R.F. CHAPMAN. 1964. Observations on the biology of the lizard *Agama agama* in Ghana. *Proc. Zool. Soc. London* 143: 121-132.
- CHONDROPOULUS, B.P. and J.J. LYKAKIS. 1983. Ecology of the Balkan wall lizard, *Podarcis taurica ionica* (Sauria: Lacertidae) from Greece. *Copeia* 1983: 991-1001.
- CLARK, D.R. 1970. Ecological study of the worm snake, *Carphophis vermis* (Kennicott). *Univ. Kansas Pub. Mus. Nat. Hist.* 19: 89-194.
- CODY, M.L. 1966. A general theory of clutch size. *Evolution* 20: 174-184.
- CODY, M.L. 1974. Competition and structure of bird communities. *Ann. Rev. Ecol. Syst.* 4: 53-74.
- COGGER, H.G. 1969. A study of the ecology and biology of the mallee dragon (*Amphibolurus fordi*) and its adaptations to survival in an arid environment. Ph.D. Thesis, Macquarie University.
- COGGER, H.G. 1975. *Reptiles and Amphibians of Australia*. 1st ed. Reed Publ. Comp. Sydney.

- COGGER, H.G., E. CAMERON and H. COGGER. 1983. *Zoological Catalogue of Australia 1. Amphibia and Reptilia.* Aust. Government Publ. Service, Canberra.
- COLWELL, R.K. and J.D. FUTUYMA. 1971. On the measurement of niche breadth and overlap. *Ecology* 52: 567-576.
- CONGDON, J.D., L.J. VITT and N.F. HADLEY. 1978. Parental investment: comparative reproductive energetics in bisexual and unisexual lizards, genus *Cnemidophorus*. *Amer. Nat.*, 112: 509-521.
- CONDON, J.D., L.J. VITT and W.W. KING. 1974. Geckos: adaptive significance and energetics of tail autotomy. *Science* 184: 1379-1380.
- COPE, E.D. 1896. *Primary factors of organic evolution.* Chicago: Open Court Publ. Comp.
- CROME, B. 1981. The diet of some ground-layer lizards in three woodlands of the New England tablelands of Australia. *Herpetofauna* 13: 4-10.
- DANIELS, C.B. and M.P. SIMBOTWE. 1984. The biology of Acanthocephalan parasites of Australian lizards. *J. Herpetology* 18: 211-213.
- DAVIDGE, C. 1979. The herpetofaunal community of a Banksia woodland near Perth, Western Australia. Ph.D. Thesis, Murdoch University.
- DE BEER, G. 1958. *Embryos and Ancestors.* 3rd ed. Oxford University Press.
- DEN BOER, P.J. 1968. Spreading of risk and stabilization of numbers. *Acta Biotheor.* 18: 165-194.
- DERICKSON, W.K. 1976a. Ecological and physiological aspects of reproductive strategies in two lizards. *Ecology* 53: 445-458.
- DERICKSON, W.K. 1976b. Lipid storage and utilization in reptiles. *Amer. Zool.* 16: 711-723.

- DUELLMAN, W.E. 1978. The biology of an equitorial herpetofauna in Amazonian Ecuador. *Misc. Publ. Mus. Nat. Hist. University of Kansas* 65: 352 pp.
- DUNHAM, A.E. 1978. Food availability as a proximate factor influencing individual growth rates in the iguanid lizard, *Sceloporus merriami*. *Ecology* 59: 770-778.
- DUNHAM, A.E. 1981. Populations in a fluctuating environment: The comparative population ecology of the iguanid lizards *Sceloporus merriami* and *Urosaurus ornatus*. *Misc. Publ. Mus. Zool. Univ. Chicago*. 158: 1-62.
- DUNHAM, A.E. 1982. Demographic and life-history variation among populations of the iguanid lizard *Urosaurus ornatus*: Implications for the study of life-history phenomena in lizards. *Herpetologica* 38: 208-221.
- EVANS, P.G.H. and J.B. EVANS. 1980. The ecology of lizards on Praslin Island, Seychelles. *J. Zool. London* 191: 171-192.
- FAGEN, R.M. 1972. An optimal life-history in which reproductive effort decreases with age. *Amer. Nat.* 106: 258-261.
- FERGUSON, G.W., K.W. BROWN and V.G. de MARCO. 1982. Selective basis for the evolution of variable egg and hatchling size in some iguanid lizards. *Herpetologica* 38: 178-188.
- FERGUSON, G.W. and S.K. FOX. 1984. Annual variation of survival advantage of large juvenile side-blotched lizards, *Uta stansburiana*: Its causes and evolutionary significance. *Evolution* 38: 342-349.
- FINDLEY, J.S. 1973. Phenetic packing as a measure of faunal diversity. *Amer. Nat.* 107: 580-584.

- FIRTH, B.T. 1968. Rhythmic activity, and the effects of photothermal acclimation and temperature on oxygen consumption in the skinks *Lampropholis guichenoti* and *Hemiergis decresiensis*. Unpubl. Thesis, University of New England, Armidale.
- FITCH, H.S. 1954. Life-history and ecology of the five-lined skink, *Eumeces fasciatus*. *Univ. Kansas Publ. Mus. Nat. Hist.* 8: 1-156.
- FITCH, H.S. 1955. Habits and adaptations of the Great Plain skink (*Eumeces obsoletus*). *Ecol. Monogr.* 25: 59-83.
- FITCH, H.S. 1967. Ecological studies of lizards on the University of Kansas Natural History Reservation. In: W.W. MILSTEAD (ed.) *Lizard Ecology: A Symposium*. Univ. Missouri Press, Kansas City.
- FITCH, H.S. 1970. Reproductive cycles in lizards and snakes. *Univ. Kansas Mus. Nat. Hist. Publ.* 52: 1-247.
- FITCH, H.S. 1973a. A field study of Costa Rican lizards. *Univ. Kansas Sci. Bull.* 50: 39-126.
- FITCH, H.S. 1973b. Population structure and survivorship in some Costa Rican lizards. *Occasional Papers Mus. Nat. Hist. Univ. Kansas* 18: 1-41.
- FITCH, H.S. 1982. Reproductive cycles in tropical reptiles. *Occasional Papers Mus. Nat. Hist. Univ. Kansas* 96: 1-53.
- FITCH, H.S. and H.W. GREENE. 1965. Breeding cycle in the ground skink, *Lygosoma laterale*. *University Kansas Publ. Mus. Nat. Hist.* 15: 565-575.
- FISHER, R.A. 1930. *The Genetic Theory of Natural Selection*. Oxford, Clarendon Press.
- FOX, W. 1958. Sexual cycle of the male lizard, *Anolis carolinensis*. *Copeia* 1958: 22-29.
- FOX, W. and H.C. DESSAUER. 1957. Photoperiodic stimulation of appetite and growth in the male lizard, *Anolis carolinensis*. *J. Expt. Zool.* 134: 557-575.

- FOX, S.K. 1975. Natural selection on morphological phenotypes of the lizard *Uta stansburiana*. *Evolution* 29: 95-107.
- FOX, S.K. 1978. Natural selection on behavioural phenotypes of the lizard *Uta stansburiana*. *Ecology* 59: 834-847.
- FROESE, A.D. and G.M. BURGHARDT. 1974. Food competition in captive juvenile snapping turtles, *Chelydra serpentina*. *Animal Behav.* 22: 735-740.
- FUENTES, E.R. 1976. Ecological convergence of lizard communities in Chile and California. *Ecology* 57: 1-17.
- FYFE, G. 1980. The effect of fire on lizard communities in central Australia. *Herpetofauna* 12: 1-9.
- GADGIL, M. and W.H. BOSSERT. 1970. Life-history consequences of natural selection. *Amer. Nat.* 104: 1-24.
- GADGIL, M. and O.T. SOLBRIG. 1972. The concept of r and K selection: evidence from wild flowers and some theoretical considerations. *Amer. Nat.* 106: 14-31.
- GARSTKA, W.K., B. CAMAZINE and D. CREWS. 1982. Interactions of behaviour and physiology during the annual reproductive cycle of the Red-sided garter snake (*Thamnophis sirtalis parietalis*). *Herpetologica* 38: 104-123.
- GAUSE, G.F. 1934. *Struggle for Existence*. Williams and Wilkins, Baltimore.
- GIBBONS, J.W. 1968. Population structure and survivorship in the painted turtle, *Chrysemys picta*. *Copeia* 1968: 260-268.
- GIBBONS, J.W. 1972. Reproduction, growth and sexual dimorphism in the canebrake rattlesnake (*Crotalus horridus atricaudatus*). *Copeia* 1972: 222-226.
- GOULD, S.J. 1977. *Ontogeny and Phylogeny*. Harvard University Press, Cambridge, Massachusetts.

- GRANT, P.R. 1967. Bill length variability in birds of the Tres Marias Islands, Mexico. *Can. J. Zool.* 45: 805-815.
- GRANT, P.R. 1971. Variation of tarsus length of birds on islands and mainland regions. *Evolution* 25: 597-614.
- GREER, A.E. 1968. The predominance of oviparity as a mode of reproduction in scincid lizards. *Copeia* 1968: 171.
- GREER, A.E. 1970. A subfamilial classification of scincid lizards. *Bull. Mus. Comp. Zool.* 139: 151-184.
- GREER, A.E. 1974. The generic relationships of the scincid lizard genus *Leiolopisma* and its relatives. *Aust. J. Zool. Suppl. Ser. No. 31*: 69.
- GREER, A.E. and F. PARKER. 1967. A new scincid lizard from the northern Solomon Islands. *Breviora* 275: 1-20.
- HAHN, W.E. and D.W. TINKLE. 1965. Fat body cycling and experimental evidence for its adaptive significance to ovarian follicle development in the lizard *Uta stansburiana*. *J. Expt. Zool.* 158: 79-85.
- HALDANE, J.B.S. and J. HUXLEY. 1927. *Animal Biology*. Oxford: Clarendon Press, Oxford.
- HARLOW, H.J., S.S. HILLMAN and M. HOFFMAN. 1976. The effects of temperature on digestive efficiency in the herbivorous lizard, *Dipsosaurus dorsalis*. *J. Comp. Physiol.* 111: 1-6.
- HARWOOD, R.H. Jr. 1979. The effect of temperature on the digestive efficiency of three species of lizards, *Cnemidophorus tigris*, *Gerrhonotus multicarinatus* and *Sceloporus occidentalis*. *Comp. Biochem. Physiol.* 63A: 417-433.
- HEATWOLE, H. 1976. *Reptile Ecology*. University of Queensland Press, St. Lucia.

- HEATWOLE, H. 1977. Habitat selection in reptiles. In: C. GANS and D.W. TINKLE (eds.). *Biology of the Reptilia 7. Ecology and Behaviour A.* Academic Press.
- HEATWOLE, H. and BUTLER. 1981. Structure of an assemblage of lizards on Barrow Island, Western Australia. *Aust. J. Herpetology* 2: 37-44.
- HEATWOLE, H., T-H. LIN, E. VILLALON, A. MUNIZ and A. MATTA. 1969. Some aspects of the thermal ecology of Puerto Rican anoline lizards. *J. Herpetology* 3: 65-77.
- HEATWOLE, H. and O.J. SEXTON. 1966. Herpetofaunal comparisons between two climatic zones in Panama. *Amer. Midl. Nat.* 75: 45-60.
- HICKMAN, J.L. 1960. Observations on the skink lizard, *Egernia whitii* (Lacépède). *Proc. Roy. Soc. Tas.* 44: 111-118.
- HUEY, R.B. and E.R. PIANKA. 1974. Ecological character displacement in a lizard. *Amer. Zool.* 14: 1127-1136.
- HUEY, R.B. and E.R. PIANKA. 1977a. Seasonal variation in thermo-regulatory behaviour and body temperature of diurnal Kalahari lizards. *Ecology* 58: 1066-1075.
- HUEY, R.B. and E.R. PIANKA. 1977b. Patterns of niche overlap among broadly sympatric versus narrowly sympatric Kalahari lizards (Scincidae: *Mabuya*). *Ecology* 58: 119-128.
- HUEY, R.B., E.R. PIANKA, E. EGAN and L.W. COONS. 1974. Ecological shifts in sympatry: Kalahari fossorial lizards (*Typhlosaurus*). *Ecology* 55: 304-316.
- HUTCHINSON, G.E. 1959. Homage to Santa Rosalia, or Why are there so many kinds of animals? *Amer. Nat.* 93: 145-159.
- INGER, R.F. 1980. Densities of flour-dwelling frogs and lizards in lowland forest of southeast Asia and Central America. *Amer. Nat.* 115: 761-770.

- INGER, R.F. and B. GREENBERG. 1966a. Annual reproductive patterns of lizards from a Bornean rainforest. *Ecology* 47: 1007-1021.
- INGER, R.F. and B. GREENBERG. 1966b. Ecological and competitive relations among three species of frogs (Genus *Rana*). *Ecology* 45: 746-759.
- IVERSON, J.B. 1979. Behaviour and ecology of the rock iguana *Cyclura carinata*. *Bull. Florida State Mus. Biol. Science* 24: 175-358.
- IVERSON, J.B. 1982. Biomass in turtle populations: A neglected subject. *Oecologia* 55: 69-76.
- JAIN, S.K. and D.R. MARSHALL. 1967. Population studies in predominantly self-pollinating species X. Variation in natural population of *Avena fatua* and *A. barbata*. *Amer. Nat.* 101: 19-33.
- JANSEN, D.H. 1976. The depression of reptile biomass by large herbivores. *Amer. Nat.* 110: 371-400.
- JENSSEN, T.A. 1970. The ethoecology of *Anolis nubulosus* (Sauria: Iguanidae). *J. Herpetology* 4: 1-38.
- JENSSEN, T.A. 1973. Shift in the structural habitat of *Anolis opalinus* due to congeneric competition. *Ecology* 54: 863-869.
- JOHNSON, R.M. 1953. A contribution to the life-history of the lizard *Scincella laterale* (Say). *Tulane Studies Zool.* 1: 11-27.
- JOHNSON, L.F., J.S. JACOB and P. TORRANCE. 1982. Annual testicular and androgenic cycles of the Cottonmouth (*Agkistrodon piscivorus*) in Alabama. *Herpetologica* 38: 16-25.
- KARASOV, W.M. and R.A. ANDERSON. 1984. Interhabitat differences in energy acquisition and expenditure. *Ecology* 65: 235-247.
- KAUFMANN, K.W. and J.W. GIBBONS. 1975. Weight-length relationships in thirteen species of snakes in the southeastern United States. *Herpetologica* 31: 31-37.

- KEAST, A. 1959. Vertebrate speciation in Australia. Some comparisons between birds, marsupials and reptiles. In: C.W. LEEPER (ed.). *The Evolution of Living Organisms: Symp. Roy. Soc. Victoria.* Melbourne University Press.
- KOPSTEIN, E. 1938. Ein Beitrag zur Eiekunde und zur Fortpflanzung der Malaiischen Reptilien. *Bull. Raffles Museum* 14: 81-168.
- KRUELEN, D.A. 1979. Factors affecting reptile biomass in African grasslands. *Amer. Nat.* 110: 157-165.
- LACK, D. 1971. *Ecological Isolation in Birds.* Blackwell Publ. Comp. London.
- LEVINS, R. 1968. *Evolution in Changing Environments.* Princeton University Press, Princeton, New Jersey.
- LEWONTIN, R.C. 1979. Fitness, survival and optimality. In: D.J. HORN, G.R. STAIRS, and R.D. MITCHELL (eds.). *Analysis of ecological systems.* Ohio State University Press. Columbus.
- LICHT, P. 1965. The relation between preferred body temperature and testicular heat sensitivity in lizards. *Copeia* 1965: 428-436.
- LICHT, P. 1967a. Environmental control of annual testicular cycles in the lizard *Anolis carolinensis* I. Interaction of light and temperature in the initiation of testicular recrudescence. *J. Expt. Zool.* 167: 505-516.
- LICHT, P. 1967b. Environmental control of annual testicular cycles in the lizard *Anolis carolinensis* II. Seasonal variations in the effects of photoperiod and temperature on testicular recrudescence. *J. Expt. Zool.* 166: 243-254.
- LICHT, P. 1972. Problems in experimentation on timing mechanisms for annual physiological cycles in reptiles. In: F.E. SOUTH, J.P. HANNON, J.R. WILLIS, E.T. PENGILLEY and N.R. ALBERT (eds.), *Hibernation and Hypothermia, Perspectives and Challenges.* Elsevier Publ. Comp. Amsterdam.

- LICHT, P. 1974. Response of *Anolis* lizards to food supplementation in nature. *Copeia* 1974: 215-221.
- LICHT, P. 1982. Endocrine patterns in the reproductive cycle of turtles. *Herpetologica* 38: 51-61.
- LICHT, P. and G.C. GORMAN. 1970. Reproductive and fat cycles in Caribbean *Anolis* lizards. *University of California Publ. Zool.* 95: 1-52.
- LINDERMANN, R.L. 1942. The trophic dynamic aspects of ecology. *Ecology* 23: 399-418.
- LISTER, B.C. 1976. The nature of niche expansion in West Indian *Anolis* lizards. I. Ecological consequences of reduced competition. *Evolution* 30: 659-676.
- LOFTS, B. 1969. Seasonal cycles in reptilian testes. *Gen. Comp. Endocrinol.* (Suppl.) 2: 147-155.
- LOTKA, A.J. 1925. *Elements of Physical Biology*. Williams and Wilkins, Baltimore.
- LUTGENS, F.K. and E.J. TARBUCK. 1979. *The Atmosphere: an introduction to meteorology*. Prentice-Hall. New Jersey.
- MACARTHUR, R.H. 1972. *Geographic Ecology*. Harper and Row, New York.
- MACARTHUR, R.H. and R. LEVINS. 1967. The limiting similarity, convergence and divergence of coexisting species. *Amer. Nat.* 101: 377-385.
- MACARTHUR, R.H. and E.R. PIANKA. 1966. On optimal use of a patchy environment. *Amer. Nat.* 100: 603-609.
- MACARTHUR, R.H. and E.O. WILSON. 1967. *The Theory of Island Biogeography*. Princeton University Press, Princeton, N. Jersey.
- MARION, K.R. 1982. Reproductive cues for gonadal development in temperate reptiles: Temperature and photoperiod effects on the testicular cycle of the lizards *Sceloporus undulatus*. *Herpetologica* 38: 26-39.

- MARION, K.R. and O.J. SEXTON. 1971. The reproductive cycle of the lizard *Sceloporus malachitus* in Costa Rica. *Copeia* 1971: 517-526.
- MARSHALL, A.J. and R. HOOKS. 1960. The breeding biology of equitorial vertebrates: Reproduction of the lizard *Agama agama lionotus* Boulenger at lat. $0^{\circ} 01'N$. *Proc. Zool. Soc. London*, 34: 197-205.
- MAURY, M.E. and R. BARBAULT. 1981. The spatial organization of the lizard community of the Bolsom Mapini. In: R. BARBAULT and G. HALFFTER (eds.), *Ecology of the Chihuahua desert: Ecological organization of some vertebrate communities*. Instituto de Ecología, Mexico.
- MAYHEW, W. 1964. Photoperiodic responses in three species of the lizard genus *Uma*. *Herpetologica* 20: 95-113.
- MAYHEW, W. 1967. Comparative reproduction in three species of the genus *Uma*. In: W.W. MILSTEAD (ed.), *Lizard ecology: A symposium*. University of Missouri Press, Kansas City.
- MCNAB, B.K. 1971. The structure of tropical bat faunas. *Ecology* 52: 351-358.
- MEDICA, P.A., R.B. BURRY and F.B. TURNER. 1975. Growth of the desert tortoise (*Gopherus agassizi*) in Nevada. *Copeia* 1975: 639-643.
- MERRELL, D.J. 1981. *Ecological genetics*. Longman, London.
- MILTON, D. 1980. Some aspects of the population dynamics of *Lampropholis guichenoti* in Toohey forest near Brisbane. *Herpetofauna* 11: 19-23.
- MILSTEAD, W.W. 1965. Changes in competing population of whiptail lizards (*Cnemidophorus*) in south-west Texas. *Amer. Midl. Nat.* 73: 75-80.

- MOLL, E.O. and J.M. LEGLER. 1971. The life-history of a neotropical slider turtle, *Pseudemys scripta* (Schoepff) in Panama. *Bull. Los Angeles County Mus. Nat. Hist. (Sci.)*, 11: 1-102.
- MOSAUER, W. 1934. The reptiles and amphibians of Tunisia. *Publ. University of California, Los Angeles Biol. Sci.*, 1: 49-64.
- MOUNT, R.H. 1963. The natural history of the red-tailed skink, *Eumeces egregius* Baird. *Amer. Midl. Nat.* 70: 356-385.
- MURPHY, G.I. 1968. Pattern in life-history and the environment. *Amer. Nat.* 102: 390-404.
- NEWELL, N.D. 1949. Phyletic size increase, an important trend illustrated by fossil invertebrates. *Evolution* 3: 103-124.
- NORRIS, R.T. 1967. Colour adaptation in desert reptiles and its thermal relationships. In: W.W. MILSTEAD (ed.), *Lizard ecology: A symposium*. University of Missouri Press, Columbia.
- ORTEGA, A., M.E. MAURY and R. BARBAULT. 1982. Spatial organization and habitat partitioning in a mountain lizard community of Mexico. *Ecologia* 3: 323-330.
- PARKER, W.S. and E.R. PIANKA. 1975. Comparative ecology of populations of the lizard *Uta stansburiana*. *Copeia* 1975: 615-632.
- PENGILLEY, R. 1972. Systematic relationships and ecology of some lygosomine lizards from south-east Australia. Vol. 2. Ph.D. Thesis, Australian National University, Canberra.
- PIANKA, E.R. 1969a. Sympatry of desert lizards (*Ctenotus*) in Western Australia. *Ecology* 50: 1012-1030.
- PIANKA, E.R. 1969b. Habitat specificity, speciation, and species density in Australian desert lizards. *Ecology* 50: 498-502.
- PIANKA, E.R. 1970. On r- and K- selection. *Amer. Nat.* 104: 592-597.
- PIANKA, E.R. 1972. r- and K- selection or b and d selection? *Amer. Nat.* 106: 581-588.
- PIANKA, E.R. 1973. The structure of lizard communities. *Ann. Rev. Ecol. Syst.* 4: 53-74.

- PIANKA, E.R. 1976a. Competition and niche theory. In: R. MAY (ed.), *Theoretical ecology: Principles and applications*. Blackwell Publ. Comp. London.
- PIANKA, E.R. 1976b. Natural selection of optimal reproductive tactics. *Amer. Zool.* 16: 775-784.
- PIANKA, E.R. and H.D. PIANKA. 1976. Comparative ecology of twelve species of nocturnal lizards (Gekkonidae) in the Western Australian desert. *Copeia* 1976: 125-142.
- PIELOU, E.C. 1972. Niche width and niche overlap: a method for measuring them. *Ecology* 53: 687-692.
- PILORGE, T. 1982. Stratégie adaptive d'une population de montagne de *Lacerta vivipara*. *Oikos* 39: 206-212.
- PILORGE, T. and J. CASTANET. 1981. Détermination de l'âge dans une population naturelle du lézard vivipare (*Lacerta vivipara* Jacquin 1787). *Acta Oecol. Ser. Oecol. Gen.* 2: 3-16.
- PORTRER, K.D. 1972. *Herpetology*. W.B. Saunders. Philadelphia.
- PORTRER, W.P. and C.R. TRACY. 1983. Biophysical analyses of energetics, time-space utilization and distribution limits. In: R.B. HUEY, E.R. PIANKA and T.W. SCHOENER (eds.). *Lizard ecology: studies of a model organism*. Harvard University Press, Cambridge, Massachusetts.
- RAND, A.S. 1967. Ecology and social organization in the iguanid lizard *Anolis lineatopus*. *Proc. U.S. Nat. Mus.* 122: 1-79.
- RAWLINSON, P.A. 1974a. Biogeography and ecology of the reptiles of Tasmania and the Bass Strait area. In: W.D. WILLIAMS (ed.), *Biogeography and ecology in Tasmania*. W. JUNK. The Hague.

- RAWLINSON, P.A. 1974b. Revision of the endemic south-eastern Australian lizard genus *Pseudemoia* (Scincidae: Lygosominae). *Mem. Natl. Mus. Vic.* 35: 87-96.
- RAWLINSON, P.A. 1975. Two new lizard species from the genus *Leiolopisma* in south-eastern Australia and Tasmania. *Mem. Natl. Mus. Vic.* 36: 1-15.
- REMMERT, H. 1980. *Ecology - A text book*. Springer-Verlag, Berlin.
- RENSCH, B. 1948. Histological changes correlated with evolutionary changes of body size. *Evolution* 2: 218-230.
- RICKLEFS, R.E. 1973. *Ecology*. Chiron Press, Oregon.
- RICKLEFS, R.E. and J. CULLEN. 1973. Embryonic growth of the green iguana *Iguana iguana*. *Copeia* 1973: 296-305.
- ROBERTSON, P. 1976. Aspects of the ecology and reproduction of two species of thigmothermic skinks *Anotis maccoyi* and *Hemiergis decresiensis*, in south-eastern Australia. B.Sc. (Hon.) Thesis, University of Melbourne.
- ROBERTSON, P. 1981. Comparative reproductive ecology of two south-eastern Australian skinks. *Proc. Melbourne Herpetological Symp. Zool. Board Vic.* 10: 25-37.
- ROBERTSON, I.A.D., B.M. CHAPMAN and R.F. CHAPMAN. 1965. Notes on some reptiles collected in the Rukwa Valley, south-west Tanzania. *Ann. Mag. Nat. Hist.* 13: 421-432.
- ROUGHGARDEN, J. 1974. Niche width: Biogeographic patterns among *Anolis* lizard populations. *Amer. Nat.* 108: 429-441.
- ROUIBAL, R. and R. PHILIBOSIAN. 1974. The population ecology of the lizard *Anolis acutus*. *Ecology* 55: 525-537.
- SAINT-GIRONS, H. 1963. Spermatogenèse et evolution cyclique des caractères sexuels secondaires chez les squamata. *Ann. des Sci. Nat. Zool. Paris* 5: 461-478.

- SAINT-GIRONS, H. 1982. Reproductive cycles of male snakes and their relationships with climate and female reproductive cycles. *Herpetologica* 38: 5-16.
- SCHALL, J.J. 1978. Reproductive strategies in sympatric whiptail lizards (*Cnemidophorus*): Two parthenogenetic and three bisexual species. *Copeia* 1978: 108-116.
- SCHOENER, T.W. 1974. Resource partitioning in ecological communities. *Science* 185: 27-38.
- SCHOENER, T.W. 1975. Presence and absence of habitat shift in some widespread lizard species. *Ecol. Monogr.* 45: 232-258.
- SCHOENER, T.W. 1977. Competition and the niche. In: C. GANS and D.W. TINKLE (eds.), *Biology of the Reptilia. Ecology and Behaviour A.* Academic Press.
- SCHOENER, T.W. 1982. The controversy over intraspecific competition. *Amer. Scientist* 70: 586-594.
- SCHOENER, T.W. and A. SCHOENER. 1978. Estimating and interpreting body size growth in some *Anolis* lizards. *Copeia* 1978: 390-405.
- SCHWANER, T.D. 1980. Reproductive biology of lizards of the American Samoan Islands. *Oceas. Papers Mus. Nat. Hist. Univ. Kansas* 86: 1-53.
- SCOTT, N.J. Jr. 1976. The abundance and diversity of the herpetofaunas of tropical forest litter. *Biotropica* 8: 41-58.
- SCOTT, N.J. Jr. 1982. The herpetofauna of forest litter plots from Cameroon, Africa. In N.J. SCOTT, Jr. (ed.), *Herpetological communities*. Fish and Wildlife Report 13. Washington, D.C. Pp. 145-150.
- SEXTON, O.J., E.P. ORTLEP, L.M. HATHWAY, R.E. BALLINGER and P. LICHT. 1971. Reproductive cycles of three species of anoline lizards from the Isthmus of Panama. *Ecology* 52: 201-215.

- SHEARER, S.B. 1979. An investigation of the marginal nature of the juvenile niche in the skink: *Leiolopisma guichenoti*. Unpubl. Thesis. Flinders University of South Australia.
- SHINE, R. 1980. "Costs" of reproduction in reptiles. *Oecologia* 46: 92-100.
- SHINE, R. 1983a. Reptilian viviparity in cold climates: testing the assumptions of an evolutionary hypothesis. *Oecologia* 57: 397-405.
- SHINE, R. 1983b. Reptilian reproductive modes: The oviparity-viviparity continuum. *Herpetologica* 39: 1-8.
- SIMBOTWE, M.P. 1978. Geographic variation and natural selection in *Eumeces obsoletus* (Reptilia: Sauria, Scincidae). M.A. Biol. Thesis, University of Kansas, Lawrence.
- SIMBOTWE, M.P. 1979. Parasites of Zambian reptiles. *Afr. J. Ecology* 17: 177-180.
- SIMBOTWE, M.P. 1980. Reproductive biology of the skinks *Mabuya striata* and *Mabuya quinquetaeniata* in Zambia. *Herpetologica* 36: 99-104.
- SIMBOTWE, M.P. 1981. Natural selection in the lizard *Eumeces obsoletus* (Lacertilia: Scincidae). *Amphibia-Reptilia* 2: 143-151.
- SIMBOTWE, M.P. 1983a. Comparative ecology of diurnal geckos (*Lygodactylus*) in Kafue Flats, Zambia. *Afr. J. Ecology* 21: 143-154.
- SIMBOTWE, M.P. 1983b. On spacing patterns and diversity of escape tactics in diurnal geckos (*Lygodactylus*) in Kafue Flats, Zambia. *Amphibia-Reptilia* 4: 35-41.
- SIMBOTWE, M.P. 1983c. Further notes on parasites of Zambian reptiles. *Herpetological Rev.* 14: 35-36.

- SIMBOTWE, M.P. 1984. Resource partitioning in a woodland reptile community of the Kafue Flats, Zambia. *Afr. J. Ecology* 22:281-288.
- SIMBOTWE, M.P. and S.D. GARBER. 1979. Feeding habits of lizards in the genera *Mabuya*, *Agama*, *Ichnotropis* and *Lygodactylus* in Zambia, Africa. *Trans. Kansas Acad. Science* 82: 55-59.
- SIMBOTWE, M.P. and J.W. PATTERSON. 1983. Ecological notes and provisional checklist of amphibians and reptiles collected from Lochinvar National Park, Zambia. *Black Lechwe* 4: 17-22.
- SIMON, C.A. 1976. Lizard coexistence in four dimensions. *Natural History* 85: 70-74.
- SIMON, C.A. and G. MINDENDORF. 1976. Resource partitioning by an iguanid lizard, temporal and microhabitat aspects. *Ecology* 57: 1317-1320.
- SMITH, G.C. 1976. Ecological energetics of three species of ectothermic vertebrates. *Ecology* 57: 252-264.
- SMITH, K.K. 1984. The use of the tongue and hyoid apparatus during feeding in lizards (*Ctenosaura similis* and *Tupinambis nigropunctatus*). *J. Zool. Lond.* 202: 115-143.
- SMYTH, M. 1968. The distribution and life-history of the skink *Hemiergis peronii* (Fitzinger). *Trans. Roy. Soc. S. Aust.* 92: 51-58.
- SMYTH, M. 1974. Changes in the fat storage of the skinks *Morethia boulengeri* and *Hemiergis peronii*. *Aust. J. Zool.* 22: 135-145.
- SMYTH, M. and M. SMITH 1968. Obligatory sperm storage in the skink *Hemiergis peronii*. *Science* 161: 575.
- SMYTH, M. and M. SMITH. 1974. Aspects of the natural history of three Australian skinks, *Morethia boulengeri*, *Menetia greyii* and *Lerista bougainvillii*. *J. Herpetol.* 8: 329-335.

- SOKAL, R.R. and F.J. ROHLF. 1969. *Biometry*. W.H. Freeman, San Francisco.
- SOMMA, A.C. and G.R. BROOKS. 1976. Reproduction in *Anolis oculatus*, *Amieva fuscata* and *Mabuya mabouya* from Dominica. *Copeia* 1976: 249-256.
- SOUË, M. and B.R. STEWART. 1970. The "niche variation" hypothesis: A test of alternatives. *Amer. Nat.* 104: 85-97.
- STAMPS, J.A. 1977a. Social behaviour and spacing patterns in lizards. In: C. GANS and D.W. TINKLE (eds.), *Biology of the Reptilia*. 7. *Ecology and behaviour*. A. Academic Press.
- STAMPS, J.A. 1977b. The relationship between resource competition, risk and aggression in a tropical territorial lizard. *Ecology* 58: 349-358.
- STAMPS, J.A. and S.K. TANAKA. 1981. The influence of food and water on growth rates in a tropical lizard (*Anolis aeneus*). *Ecology* 62: 33-40.
- STAMPS, J.A. and K. TOLLESTRUP. 1984. Prospective resource defence in a territorial species. *Amer. Nat.* 123: 99-114.
- STEARNs, S.C. 1976. Life-history tactics: a review of the ideas. *Quart. Rev. Biol.* 51: 3-47.
- STEARNs, S.C. 1977. The evolution of life-history traits: A critique of the theory and a review of the data. *Ann. Rev. Ecol. Syst.* 8: 145-171.
- STEARNs, S.C. 1984. The effects of size and phylogeny on patterns of covariation in the life-history traits of lizards and snakes. *Amer. Nat.* 123: 56-72.
- TANNER, W.W. 1957. A taxonomic and ecological study of the western skink (*Eumeces skiltonianus*). *Great Basin Natur.* 17: 59-94.
- TAMSITT, J.R. 1967. Niche and species diversity in neotropical bats. *Nature* 213: 784-788.
- TELFORD, S.R. 1959. A study of the sand skink, *Neoseps reynoldsi* Stejneger. *Copeia* 1959: 110-119.

- TELFORD, S.R. 1970. Seasonal fluctuations in liver and fat body weights of the Japanese lacertid *Takydromus tachydromoides* Schlegel. *Copeia* 1970: 681-688.
- TINKLE, D.W. 1967. The life and demography of the side blotched lizard, *Uta stansburiana*. *Misc. Publ. Mus. Zool. Univ. Mich.* No. 132.
- TINKLE, D.W. 1969. The concept of reproductive effort and its relation to the evolution of life-histories of lizards. *Amer. Nat.* 103: 501-516.
- TINKLE, D.W. 1972. The dynamics of a Utah population of *Sceloporus undulatus*. *Herpetologica* 28: 351-359.
- TINKLE, D.W. and R.E. BALLINGER. 1972. *Sceloporus undulatus*: A study of the intraspecific comparative demography of a lizard. *Ecology* 53: 570-584.
- TINKLE, D.W. and J.W. GIBBONS. 1977. The distribution and evolution of viviparity in reptiles. *Misc. Publ. Mus. Zool. Univ. Mich.* 154: 1-55.
- TINKLE, D.W., H.M. WILBUR and S.G. TILLEY. 1970. Evolutionary strategies in lizard reproduction. *Evolution* 24: 55-74.
- TOLLESTRUP, K. 1982. Growth and reproduction in two closely related species of leopard lizards, *Gambelia silus* and *Gambelia wisshizenii*. *Amer. Midl. Nat.* 108: 1-20.
- TOWNS, D.R. 1975. Reproduction and growth of the black shore skink, *Leiolopisma suteri* (Lacertilia: Scincidae), in north-eastern New Zealand. *New Zealand J. Zool.* 2: 409-423.
- TRIVERS, R.L. 1972. Parental investment and sexual selection. In: B.G. CAMPBELL (ed.), *Sexual selection and descent of man*. Aldine, Chicago.
- TRIVERS, R.L. 1976. Sexual selection and resource-accruing abilities in *Anolis garmani*. *Evolution* 30: 253-269.

- TURNER, F.B. and C.S. GIST. 1970. Observations of lizards and tree frogs in an irradiated Puerto Rican Forest. In: H.T. ODUM and R.F. PIGEON (eds.), *A tropical Rainforest*. U.S. Atomic Energy Commission, Division of Technical Information, Oak Ridge, Pp. E25-E49.
- TURNER, F.B., G.A. HODDENBACH, P.A. MEDICA and J.R. LANNUM. 1970. The demography of the *Uta stansburiana* Baird and Baird, in southern Nevada. *J. Animal Ecol.* 39: 505-519.
- TURNER, F.B., P.A. MEDICA and B.W. KOWALEWSKY. 1976. Energy utilization by a desert lizard (*Uta stansburiana*). U.S./I.B.P. Desert Biome Monograph No. 1: 57.
- TURNER, F.B., P.A. MEDICA, J.R. LANNUM and G.A. HODDENBACH. 1969. A demographic analysis of continuously irradiated and non-irradiated populations of the lizard *Uta stansburiana*. *Radiation Res.* 38: 349-356.
- VAN DEVENDER, R.W. 1978. Growth ecology of a tropical lizard, *Basilicus basilicus*. *Ecology* 59: 1031-1038.
- VAN DEVENDER, R.W. 1983. Comparative demography of the lizard, *Basilicus basilicus*. *Herpetologica* 38: 189-208.
- VAN VALEN, L. 1965. Morphological variation and the width of ecological niche. *Amer. Nat.* 99: 377-390.
- VERON, J.E.N. 1969. The reproductive cycle of the water skink, *Sphenomorphus quoyi*. *J. Herpetology* 3: 55-63.
- VINEGAR, M.B. 1975. Life-history phenomena in two populations of the lizard *Sceloporus undulatus* in southwestern New Mexico. *Amer. Midl. Nat.* 93: 388-402.
- VITT, L.J. 1981. Lizard reproduction: Habitat specificity and constraints on relative clutch mass. *Amer. Nat.* 217: 506-514.
- VITT, L.J. and J.D. CONGDON. 1978. Body shape, reproductive effort, and relative clutch mass in lizards: Resolution of a paradox. *Amer. Nat.* 112: 595-608.

- VITT, L.J., J.D. CONGDON and N.A. DICKSON. 1977. Adaptive strategies and energetics of tail autotomy in lizards. *Ecology* 58: 326-337.
- VOLSENDE, H. 1944. Structure and seasonal variation of the male reproductive organs of *Vipera berus* (L.). *Spolia Zool. Mus. Hauniensis* 5: 1-157.
- VOLTERRA, V. 1926. Variations and fluctuations of the number of individuals of animal species living together. In R.N. CHAPMAN (ed.). *Animal Ecology*.
- WAY, C. 1979. Reproduction in the scincid lizard, *Ctenotus robustus*. B. Sc. (Hon.) Thesis, Australian National University, Canberra.
- WEEKES, H.C. 1935. A review of placentation among reptiles with particular regard to the function and evolution of the placenta. *Proc. Zool. Soc. London* 3: 625-645.
- WHITFORD, W.G. and F.M. CREUSERE. 1977. Seasonal and yearly fluctuations in Chihuahua lizard communities. *Herpetologica* 33: 54-65.
- WHITTAKER, R.H. and D. GOODMAN. 1979. Classifying species according to their demographic strategy. I. Population fluctuations and environmental heterogeneity. *Amer. Nat.* 113: 185-200.
- WILBUR, H.M. 1975. A growth model for the turtle *Chrysemys picta*. *Copeia* 1975: 337-343.
- WILBUR, H.M., D.W. TINKLE and J.P. COLLINS. 1974. Environmental certainty, trophic level, and resource availability in life-history evolution. *Amer. Nat.* 108: 805-817.
- WILHOLF, D.C. 1963. Reproduction in the tropical Australian skink, *Leiolopisma rhomboidalis*. *Amer. Midl. Nat.* 70: 442-461.
- WILHOLF, D.C. and E.O. REITER. 1965. Reproduction in the tropical Australian skink, *Leiolopisma rhomboidalis*. *Amer. Midl. Nat.* 70: 442-461.
- WILLIAMS, G.C. 1966. *Adaptation and natural selection*. Princeton University Press, Princeton, N. Jersey.

WILSON, M.F. 1969. Avian niche size and morphological variation.
Amer. Nat. 103: 531-542.

APPENDIX 1

Reptiles collected from the study areas in Newholme.*

Family Gekkonidae

Oedura tryoni

Family Agamidae

Amphibolurus barbatus

Amphibolurus muricatus

Family Scincidae

Anomalopus lentiginosus

Ctenotus robustus

Ctenotus taeniatus

Egernia striolata

Hemiergis decresiensis

Lampropholis delicata

Lampropholis guichenoti

Sphenomorphus quoyi

Tiliqua scincoides

Family Elapidae

Pseudechis porphyriacus

Pseudonaja textilis

Family Typhlopidae

Typhlina nigrescens

* Source: Challacombe (unpublished data) and present study

APPENDIX 2

Reptiles collected at Newholme outside the study areas.

Family Gekkonidae

Oedura tryoni

Family Agamidae

Physignathus lesueurii

Amphibolurus barbatus

Amphibolurus muricatus

Family Scincidae

Lampropholis guichenoti

Lampropholis delicata

Hemiergis decresiensis

Ctenotus robustus

Ctenotus taeniolatus

Egernia cunninghami

Egernia striolata

Sphenomorphus quoyi

Anomalopus lentiginosus

Leiolopisma mustellina

Leiolopisma platynota

Tiliqua scincoides

Family Elapidae

Urechis gouldii

Pseudonaja textilis

Pseudonaja porphyriacus

Family Typhlopidae

Typhlina nigrescens

APPENDIX 4

GLOSSARY OF TERMS

The following is a list of statistical terms not explained in text:

P probability
ns not significant at the 0.05 level
N sample size
SD standard deviation
SE standard error
df degree of freedom
CV coefficient of variability.