

## References

- Albertson RC, JA Markert, PD Danley, TD Kocher. 1999. Phylogeny of a rapidly evolving clade: the cichlid fishes of Lake Malawi, East Africa. *Proc. Natl. Acad. Sci. U. S. A.* 96: 5107 -5110.
- Avise JC. 1994. *Molecular Markers, Natural History and Evolution*. Chapman and Hall Press, New York.
- Avise JC. 2000. *Phylogeography. The history and formation of species*. Harvard University Press, Cambridge Massachusetts.
- Baker AM, JM Hughes, JC Dean, SE Bunn. 2004. Mitochondrial DNA reveals phylogenetic structuring and cryptic diversity in Australian freshwater macroinvertebrate assemblages. *Mar. Freshwater Res.* 55: 629-640.
- Banarescu P. 1991. Distribution and dispersal of freshwater animals in North America and Eurasia. *In: Zoogeography of Fresh Waters. Vol. 2.* Wiesbaden, AULA-Verlag Press, pp. 512-1091.
- Bermingham E, JC Avise. 1986. Molecular zoogeography of freshwater fishes in the southeastern United States. *Genetics* 113: 939–965.
- Bermingham E, AP Martin. 1998. Comparative mtDNA phylogeography of neotropic freshwater fishes: testing shared history to infer the evolutionary landscape of lower Central America. *Mol. Ecol.* 7: 499–517.
- Bernatchez L, CC Wilson. 1998. Comparative phylogeography of Nearctic and Palearctic fishes. *Mol. Ecol.* 7: 431-452.
- Bilton DT, JR Freeland, B Okamura. 2001. Dispersal in freshwater invertebrates. *Ann. Rev. Ecol. Syst.* 32: 159–181.
- Bohlen J, P Råb. 2001. Species and hybrid richness in spined loaches of the genus *Cobitis* (Teleostei: Cobitidae), with a checklist of European forms and suggestions for conservation. *J.Fish Biol.* 59 (Suppl. A): 75–89.

- Bowman TE, LG Abele. 1982. Clasification of the recent crustacea. In: The biology of crustacea. Vol. 1. pp: 1-27. (ed. Abele, L.G.). London, Academic Press.
- Cai Y, A Dai. 1999. Freshwater shrimps (Crustacea: Decapoda: Caridea) from the Xishubanna region of Yunnan Province, southern China. *Hydrobiologia* 400: 211-241.
- Cai Y, PKL Ng. 2002. The freshwater palaemonid prawns (Crustacea: Decapoda: Caridea) of Myanmar. *Hydrobiologia* 487: 59-83.
- Cai Y, P Naiyanetr, PKL Ng. 2004. The freshwater prawns of the genus *Macrobrachium* Bate, 1868, of Thailand (Crustacea: Decapoda: Palaemonidae). *J. Nat. Hist.* 38: 581-649.
- Cameron RA. 1986. Introduction to the invertebrate larval biology workshop: a brief back ground. *Bull. Mar. Sci.* 39: 145-161.
- Camin JH, RR Sokal. 1965. A method for deducing branching sequences in phylogeny. *Evolution* 19: 311-326.
- Castelloe J, AR Templeton. 1994. Root probabilities for intraspecific gene trees under island taxa of neutral coalescent theory. *Mol. Phylogenet. Evol.* 3: 102–113.
- Chace FA, AJ Bruce. 1993. The Caridean shrimps (Crustacea: Decapoda) of the Albatross Philippine expedition, 1907-1910, part 6: Superfamily Palaemonoidea. Washington, D. C., Smithonian Institution Press. pp. 152.
- Chiang YC, KH Hung, BA Schaal, XJ Ge, TW Hsu, TY Chiang. 2006. Contrasting phylogeographical patterns between mainland and the *Pinus luchuensis* complex. *Mol. Ecol.* 15: 765-779.
- Crandall KA, AR Templeton. 1993. Empirical tests of some predictions from coalescent theory with applications to intraspecific phylogeny reconstrction. *Genetics* 134: 959–969.
- Crandall KA, JFJ Fitzpatrick. 1996. Crayfish systermatics: using a combination of

- procedures to estimate phylogeny. *Syst. Biol.* 45: 1-26.
- Creer S, A Malhotra, RS Thorpe, WH Chou. 2001. Multiple causation of phylogeographical pattern as revealed by nested clade analysis of the bamboo viper (*Trimeresurus stejnegeri*) within Taiwan. *Mol. Ecol.* 10: 1967-1981.
- de Bruyn M, JA Wilson, PB Mather. 2004. Huxley's line demarcates extensive genetic divergence between eastern and western forms of the giant freshwater prawn, *Macrobrachium rosenbergii*. *Mol. Phylogenet. Evol.* 30: 251-257.
- Dai AY. 1984. A preliminary study on the freshwater prawn genus *Macrobrachium* of China (Decapoda: Caridea). *Acta Zool. Sinica.* 9, pp: 244-252. (in Chinese with English abstract).
- Daniels SR, M Hamer, C Rogers. 2004. Molecular evidence suggests an ancient radiation for the fairy shrimp genus *Streptocephalus* (Branchiopoda: Anostraca). *Biol. J. Linn. Soc.* 82: 313-327.
- de Bruyn M, JA Wilson, PB Mather. 2004. Huxley's line demarcates extensive genetic divergence between eastern and western forms of the giant freshwater prawn, *Macrobrachium rosenbergii*. *Mol. Phylogenet. Evol.* 30: 251-257.
- De Man JG. 1879. On some species of the genus *Palaemon* Fabr. with descriptions of two new forms. *Notes Leyden Mus.* 1: 165-184.
- Dimmock A, I Williamson, PB Mather. 2004. The influence of environment on the morphology of *Macrobrachium australiense* (Decapoda: Palaemonidae). *Aquacult. Int.* 12: 435-456.
- Ellis JS, ME Knight, C Carvell, D Goulson. 2006. Cryptic species identification: a simple diagnostic tool for discriminating between two problematic bumblebee species. *Mol. Ecol. Notes.* 6: 540-542.
- Emerson BC. 2002. Evolution on oceanic islands: molecular phylogenetic approaches to understanding pattern and process. *Mol. Ecol.* 11: 951-966.

- Excoffier L, PE Smouse, JM Quattro. 1992. Analysis of molecular variance inferred from metric distances among DNA haplotypes: application to human mitochondrial DNA restriction data. *Genetics* 131: 479–491.
- Excoffier L, PE Smouse. 1994. Using allele frequencies and geographic subdivision to reconstruct gene tree within a species: molecular variance parsimony. *Genetics* 136: 343–359.
- Facon B, JP Pointier, M Glaubrecht, C Poux, P Jarne, P David. 2003. A molecular phylogeography approach to biological invasions of the New World by parthenogenetic Thiarid snails. *Mol. Ecol.* 12: 3027–3039.
- Falconer DS, TFC Mackay. 1996. *Introduction to Quantitative Genetics*. 4th edn. Longman, Harlow, England.
- Felsenstein J. 1981. Evolutionary trees from DNA sequences: a maximum likelihood approach. *J. Mol. Evol.* 17: 368–376.
- Felsenstein J. 1985. Confidence limits on phylogenies: an approach using the bootstrap. *Evolution* 39: 783–791.
- Felsenstein J. 1988. Phylogenies from molecular sequences: inference and reliability. *Ann. Rev. Genet.* 22: 521–565.
- Folmer O, BW Hoeh, R Lutz. 1994. DNA primers for amplification of mitochondrial cytochrome c oxidase subunit I from diverse metazoan invertebrates. *Mol. Mar. Biol. Biotech.* 3: 294–299.
- Fu YX, WH Li. 1993. Statistical tests of neutrality of mutations. *Genetics* 133: 693–709.
- Golding GB. 1987. The detection of deleterious selection using ancestors inferred from a phylogenetic history. *Genet. Res.* 49: 71–82.
- Guo Q, RE Ricklefs, ML Cody. 1998. Vascular plant diversity in eastern Asia and North America: historical and ecological explanations. *Bot. J. Lin. Soc.* 128:

123-136.

Gusmão J, C Lazoski, AM Sole-Cava. 2000. A new species of *Penaeus* (Crustacea: Penaeidae) revealed by allozyme and cytochrome oxidase I analyses. Mar. Biol. 137: 435-446.

Hall TA. 1999. BioEdit: a user-friendly biological sequence alignment editor and analysis program for Windows 95/98/NT. Nucl. Acids. Symp. Ser. 41: 95-98.

Hamilton W. 1983. Cretaceous and Cenozoic history of the northern continents. Ann. Mo. Bot. Gard. **70**: 440–458

Hasegawa M, H Kishino, T Yano. 1985. Dating of the human-ape splitting by a molecular clock of mitochondrial DNA. J. Mol. Evol. 21: 160-174.

Hayashi KI. 2000a. Prawns, shrimp and lobsters from Japan (112). Family Palaemonidae, subfamily Palaemoninae-genus *Macrobrachium*. Aquabiology 22: 240-245. (in Japanese).

Hayashi KI. 2000b. Prawns, shrimp and lobsters from Japan (113). Family Palaemonidae, subfamily Palaemoninae-genus *Macrobrachium*. Aquabiology 22: 360-363. (in Japanese).

Hayashi KI. 2000c. Prawns, shrimp and lobsters from Japan (114). Family Palaemonidae, subfamily Palaemoninae-genus *Macrobrachium*. Aquabiology 22: 468-472. (in Japanese).

Hendrixson BE, JE Bond. 2005. Testing species boundaries in the *Antrodiaetus unicolor* complex (Araneae: Mygalomorphae: Antrodiaetidae): “Paraphyly” and cryptic diversity. Mol. Phylogenet. Evol. 36: 405-416.

Hewitt GM. 1996. Some genetic consequences of ice ages, and their role in divergence and speciation. Biol. J. Linn. Soc. 58: 247–276.

Hewitt GM. 1999. Post-glacial re-colonization of European biota. Biol. J. Linn. Soc. 68: 87–112.

- Hipp AL, JC Hall, KJ Sytsma. 2004. Congruence versus phylogenetic accuracy: revisiting the incongruence length difference test. *Syst. Biol.* 53: 81-89.
- Holthuis LB. 1950. The Decapoda of the Siboga Expedition. Part X. The Palaemonidae collected by the Siboga and Snellius expeditions, with remarks on other species, Part I: Subfamily Palaemoninae. *Siboga-Exped. Leiden* 39a: 1-268.
- Holthuis LB. 1952. A general revision of the Palaemonidae (Crustacea, Decapoda, Natantia) of the Americas. II. The subfamily Palaemoninae. *Occas. Pap. Allan Hancock Found.* 12: 1-396.
- Hong E. 1997. Evolution of Pliocene to Pleistocene sedimentary environments in an arc-continent collision zone: evidence from the analyses of lithofacies and ichnofacies in the southwestern foothills of Taiwan. *J. Asian Earth Sci.* 15: 381-392.
- Huang J. 1984. Change of sea-level since the late Pleistocene in China. In: *The Evolution of the East Asian Environment*. (ed. Whyte RO). Center of Asian Studies, University of Hong Kong. pp: 309-319.
- Hwang JJ, HP Yu. 1982. Studies on the freshwater shrimps of the genus *Macrobrachium* (Crustacea, Decapoda, Palaemonidae) from Taiwan. *J. Taiwan Mus.* 25: 157-179. (in Chinese with English abstract).
- Hwang JJ, HP Yu. 1983. Key to the freshwater shrimps of the genus *Macrobrachium* from Taiwan with their habitat and distribution. *China. Fish.* 326: 14-18. (in Chinese with English abstract).
- Jalihal DR, KN Sankolli, S Shenoy. 1993. Evolution of larval developmental patterns and the process of freshwaterization in the prawn genus *Macrobrachium* Bate, 1868 (Decapoda, Palaemonidae). *Crustaceana* 65: 365-376.
- Jayachandran KV. 2001. Palaemonid Prawns: Biodiversity, Taxonomy, Biology and

- Management. USA: Science Publishers Inc. Press.
- Johns GC, JC Avise. 1998. Tests for ancient species flocks based on molecular phylogenetic appraisals of *Sebastes* rockfishes and other marine fishes. *Evolution* 52: 1135-1146.
- Johnson DS. 1973. Notes on some species of the genus *Macrobrachium*. *J. Singapore Nat. Acad. Sci.* 3: 273-291.
- Juan II, BC Emerson, II Orom, GM Hewitt. 2000. Colonization and diversification: towards a phylogeographic synthesis for the Canary Islands. *Trends Ecol. Evol.* 15, 104–109.
- Kimura M, GH Weiss. 1964. The stepping stone model of population structure and the decrease of genetic correlation with distance. *Genetics* 49: 565–576.
- Kolbe J, RE Glor, LR Schettino, AD Lara, A Larson. 2004. Genetic variation increases during biological invasion by a Cuban lizard. *Nature* 431: 177–181.
- Kotelat M. 1989. Zoogeography of the fishes from Indochinese inland waters with an annotated check-list. *Bull. Zool. Mus. Univ. Amsterdam* 12:1-54.
- Kotlik P, P Berrebi. 2001. Phylogeography of the barbel (*Barbus barbus*) assessed by mitochondrial variation. *Mol. Ecol.* 10: 2177–2185.
- Knowlton N. 2000. Molecular genetic analyses of species boundaries in the sea. *Hydrobiologia* 420: 73-90.
- Kumar S, K Tamura, IB Jakobsen, M Nei. 2001. MEGA2: Molecular Evolutionary Genetics Analysis Software. Tempe, Arizona: Arizona State University.
- Li X, R Liu, X Liang. 2003. Study on the zoogeography of Chinese Palaemonoid fauna. *In: Transactions of the Chinese Crustacean Society* No. 4. Beijing, Science Press. pp: 123-145. (in Chinese with English abstract)
- Liang X, S Yan. 1986. Study on Caridina (Decapoda, Caridea) from Guizhou Province, China. *Ocean. Limnol. Sinica. (Suppl.)*: 196-206. (in Chinese with English

abstract).

Lin YS, SM Lin, TY Wang, YJ Wang, CS Tzeng. 2006. The phylogeography and population demographics of selected freshwater fishes in Taiwan. Zool. Stud (in Press).

Lindenfelser ME. 1984. Morphometric and allozymic congruence: evolution in the prawn *Macrobrachium rosenbergii* (Decapoda: Palaemonidae). Syst. Zool. 33: 195-204.

Liu D, M Ding. 1984. The characteristics and evolution of the paleoenvironment of China since the late Tertiary. In: The Evolution of the East Asian Environment. (ed. Whyte RO). pp: 11–40. Center of Asian Studies, University of Hong Kong.

Liu JY, XQ Liang, SL Yan. 1990. A study of the Palaemoninae (Crustacea: Decapoda) from China I. *Macrobrachium*, *Leander* and *Leandrites*. Transactions of the Chinese Crustacean Society Vol.2. Beijing, Science Press. pp: 102-134 (in Chinese with English abstract).

Lundberg JG. 1993. Africa-South American freshwater fish clades and continental drift, problem with a paradigm. In: Biotic Relationships between Africa and South America. P, eG. New Haven, Connecticut, Yale University Press. pp. 156–198.

Machordoma A, E Macpherson. 2004. Rapid radiation and cryptic speciation in squat lobsters of the genus *Munida* (Crustacea, Decapoda) and related genera in the South West Pacific: molecular and morphological evidence. Mol. Phylogenet. Evol. 33: 259-279.

Magalhães C, I Walker. 1988. Larval development and ecological distribution of central Amazonian palaemonid shrimps (Decapoda, Caridea). Crustaceana 55: 279-292.

Malecha SR. 1987. Selective breeding and intraspecific hybridization of crustaceans.



- In:* Proceedings of the World Symposium on Selection, Hybridization, and Genetic Engineering in Aquaculture, Vol. 1. Berlin, Germany. pp. 323–336.
- Mamuris Z, MT Stoumboudi, C Stamatis, R Barbieri, KA Moutou. 2005. Genetic variation in populations of the endangered fish *Ladigesocypris ghigii* and its implications for conservation. *Freshwater Biol.* 50: 1441–1453.
- Mashiko K, KI Numachi. 2000. Derivation of populations with different-sized eggs in the palaemonid prawn *Macrobrachium nipponense*. *J. Crustacean Biol.* 20: 118-127.
- Morrison CL, R Ríos, JE Duffy. 2004. Phylogenetic evidence for an ancient rapid radiation of Caribbean sponge-dwelling snapping shrimps (*Synalpheus*). *Mol. Phylogenet. Evol.* 30: 563-581.
- Murphy NP, CM Austin. 2002. A preliminary study of 16S rRNA sequence variation in Australian *Macrobrachium* shrimps (Palaemonidae: Decapoda) reveals inconsistencies in their current classification. *Invertebr. Syst.* 16: 697-701.
- Murphy NP, CM Austin. 2003. Molecular taxonomy and phylogenetics of some species of Australian palaemonid shrimps. *J. Crustacean Biol.* 23: 169-177.
- Murphy NP, CM Austin. 2004. Multiple origins of the edemic Australia *Macrobrachium* (Decapoda: Palaemonidae) based on 16S rRNA mitochondrial sequences. *Aust. Zool.* 52: 549-559.
- Murphy NP, CM Austin. 2005. Phylogenetic relationships of the globally distributed freshwater prawn genus *Macrobrachium* (Crustacea: Decapoda: Palaemonidae): biogeography, taxonomy and the convergent evolution of abbreviated larval development. *Zool. Scr.* 34: 187-197.
- Nylander JAA 2004. MrModeltest Vol. 2. Program distributed by the author. Evolutionary Biology Centre, Uppsala University.
- Nei M. 1987. *Molecular Evolutionary Genetics*. New York, Columbia University

Press.

- Ota H. 1998. Geographic patterns of endemism and speciation in amphibians and reptiles of the Ryukyu Archipelago, Japan, with special reference to their paleogeographical implications. *Res. Pop. Ecol.* 40: 189–204.
- Palumbi SR, J Benzie. 1991. Large mitochondrial DNA differences between morphologically similar penaeid shrimp. *J. Mol. Mar. Biol. Biotech.* 1: 27-34.
- Page BM, J Suppe. 1981. The pliocene lichi melange of Taiwan: Its plate tectonic and olistostromal origin. *Amer. J. Sci.* 281: 193–227.
- Pereira G, A Garcia. 1995. Larval development of *Macrobrachium reyesi* Pereira (Decapoda: Palaemonidae), with a discussion on the origin of abbreviated development in Palaemonids. *J. Crustacean Biol.* 15: 117-133.
- Pereira G. 1997. A cladistic analysis of the freshwater shrimps of the family Palaemonidae (Crustacea, Decapoda, Caridea). *Acta Biol. Venez.* 17: 1-69.
- Peters JL, KG McCracken, YN Zhuravlev, Y Lua, RE Wilsonb, KP Johnson, KE Omland. 2005. Phylogenetics of wigeons and allies (Anatidae: Anas): the importance of sampling multiple loci and multiple individuals. *Mol. Phylogenet. Evol.* 35: 209-224.
- Porter ML, M Pérez-Losada, KA Crandall, 2005. Model-based multi-locus estimation of Decapod phylogeny and divergence times. *Mol. Phylogenet. Evol.* 37: 355–369.
- Posada D, KA Crandall. 1998. Modeltest: testing the model of DNA substitution. *Bioinformatics.* 14: 817-818.
- Posada D, KA Crandall. 2001. Intraspecific gene genealogies: trees grafting into networks. *Trends Ecol. Evol.* 16: 37–45.
- Qian H, RE Ricklef. 2000. Large-scale processes and Asia bias in species diversity of temperate plants. *Science* 407: 180-182.

- Rodriguez R, JL Oliver, A Marin, JR Medina. 1990. The general stochastic model of nucleotide substitution. *J. Theor. Biol.* 142: 485-501.
- Rogers AR, H Harpending. 1992. Population growth makes waves in the distribution of pairwise genetic differences. *Mol. Biol. Evol.* 9: 552–569.
- Ronquist F, JP Huelsenbeck. 2003. MRBAYES 3: Bayesian phylogenetic inference under mixed models. *Bioinformatics* 19: 1572-1574.
- Rozas J, JC Sanchez-DelBarrio, X Messeguer, R Rozas. 2003. DNA SP, DNA polymorphism analyses by the coalescent and other methods. *Bioinformatics* 19: 2496-2497.
- Saitou N, M Nei. 1987. The neighbor-joining method: a new method for reconstructing phylogenetic trees. *Mol. Biol. Evol.* 4: 406-425.
- Sambrook J, EF Fritsch, T Maniatis. 1989. *Molecular cloning: a Laboratory Manual*, 2nd edn, New York: Cold Spring Harbor Laboratory Press.
- Schneider SD, D Roessli, L Excoffier. 2000. ARLEQUIN, version 2.0: a software for population genetic data analysis. Genetics and Biometry Laboratory, University of Geneva, Geneva, Switzerland.
- Schubart CD, R Diesel, SB Hedges. 1998. Rapid evolution to terrestrial life in Jamaican crabs. *Nature* 393: 363-365.
- Shen C 1997. The Biogeography of Taiwan: 2. Some preliminary thoughts and studies. *Ann. Report Taiwan Mus.* 40: 361-450 (in Chinese with English summary).
- Shih HT, PKL Ng, HW Chang. 2004. Systematics of the genus *Geothelphusa* (Crustacea, Decapoda, Brachyura, Potamidae) from southern Taiwan: a molecular appraisal. *Zool. Stud.* 43: 561-570.
- Shih HT, GX Chen, LM Wang. 2005. A new species of freshwater crab (Decapoda: Brachyura: Potamidae) from Dongyin Island, Matsu, Taiwan, defined by morphological and molecular characters, with notes on its biogeography. *J. Nat.*

Hist. 39: 2901-2911.

Shih HT, HC Hung, CD Schubart, CA Chen, HW Chang. 2006. Intraspecific genetic diversity of the endemic freshwater crab *Candidiopotamon rathbunae* (Decapoda, Brachyura, Potamidae) reflects five million years of geological history of Taiwan. J. Biogeogr. 33: 980-989.

Shokita S. 1977. Abbreviated metamorphosis of land-locked fresh-water prawn, *Macrobrachium asperulum* (Von Martens) from Taiwan. Annot. Zool. Japan. 50: 110-122.

Shokita S. 1979. The distribution and speciation of the inland water shrimps and prawns from the Ryukyu Islands-II. Bull. Tokai. Reg. Fish. Res. Lab. 28: 193-278. (in Japanese with English abstract).

Shokita S. 1985. Larval development of the Palaemonid prawn, *Macrobrachium grandimanus* (Randall), reared in the laboratory, with special reference to larval dispersal. Zool. Sci. 2: 785-803.

Shokita S. 1996. The origin of land-locked freshwater shrimps and Potamoids from the Ryukyu Island, southern Japan. J. Geogr. 105: 343-353.

Short JW. 2004. A revision of Australian river prawns, *Macrobrachium* (Crustacea: Decapoda: Palaemonidae). Hydrobiologia 525: 1-100.

Sibuet JC, SK Hsu. 1997. Geodynamics of the Taiwan arc-arc collision. Tectonophysics 274: 221-251.

Sibuet JCH, SK Hsu. 2004. How was Taiwan created? Tectonophysics 379: 159-181.

Simonsen KL, GA Churchill, CF Aquadro. 1995. Properties of statistical tests of neutrality for DNA polymorphism data. Genetics 141: 413-429.

Slatkin M, RR Hudson. 1991. Pairwise comparisons of mitochondrial DNA sequences in stable and exponentially growing populations. Genetics 129: 555-562.

Slatkin M. 1993. Isolation by distance in equilibrium and nonequilibrium populations.

- Evolution 47: 264–279.
- Shull HC, M Perez-Losada, D Blair, K Sewell, EA Sinclair, S Lawler, M Ponniah, KA Crandall. 2005. Phylogeny and biogeography of the freshwater crayfish *Euastacus* (Decapoda: Parastacidae) based on nuclear and mitochondrial DNA. Mol. Phyl. Evol. 37: 249-263.
- Shy JY, HP Yu. 1998. Freshwater Shrimps of Taiwan. National Museum of Marine Biology and Aquarium Press, Kao-hsiung, Taiwan. (in Chinese).
- Sites JW, J Marshall. 2003. Delimiting species: a Renaissance issue in systematic biology. Trends Ecol. Evol. 18: 462-470.
- Swofford DL. 2000. PAUP\*: Phylogenetic Analysis Using Parsimony (\* and other methods). Version 4. Sinauer Associates, Sunderland, MA.
- Tajima F. 1989. Statistical method for testing the neutral mutation hypothesis by DNA polymorphism. Genetics 123: 585–595.
- Tamura K, M Nei. 1993. Estimation of the number of nucleotide substitutions in the control region of mitochondrial DNA in humans and chimpanzees. Mol. Biol. Evol. 10: 512-526.
- Templeton AR. 2004. Statistical phylogeography: methods of evaluating and minimizing inference errors. Mol. Ecol. 4: 789–809.
- Templeton AR, E Routman, CA Phillips. 1995. Separating population structure from population history: a cladistic analysis of the geographic distribution of mitochondrial DNA haplotypes in the tiger salamander, *Ambystoma tigrinum*. Genetics 140: 767–782.
- Toda M., M Nishida, M Matsui, K-Y Lue, Ota H. 1998. Genetic variation in the Indian rice frog, *Rana limnocharis* (Amphibia: Anura), in Taiwan, as revealed by allozyme data. Herpetologica, 54, 73–82.
- Tiwari KK. 1955. Distribution of Indo-Burmese freshwater prawns of the genus

- Palaemon* Fabr., and its bearing on the Satpura hypothesis. Bull. Nat. Inst. Sci. India. 7: 230-239.
- Tzeng CS. 1986. Distribution of the freshwater fishes of Taiwan. J Taiwan Mus. 39: 127–146.
- Wang HY, MP Tsai, MJ Yu, SC Lee. 1999. Influence of glaciation on divergence patterns of the endemic minnow, *Zacco pachycaphalus*, in Taiwan. Mol. Ecol. 8: 1879–1888.
- Wang JP, Hsu KC, TY Chiang. 2000. Mitochondrial DNA phylogeography of *Acrossocheilus paradoxus* (Cyprinidae) in Taiwan. Mol. Ecol. 9: 1483–1494.
- Wang JP, HD Lin, S Huang, CH Pan, XL Chen, TY Chiang. 2004. Phylogeography of *Varicorhinus barbatulus* (Cyprinidae) in Taiwan based on nucleotide variation of mtDNA and allozymes. Mol. Phylogenet. Evol. 31: 1143–1156.
- Wiley E. 1988. Vicariance biogeography. Ann. Rev. Ecol. Syst. 19: 513-542.
- Wright S. 1943. Isolation by distance. Genetics 28: 114–138.
- Wowor D, SC Choy. 2001. The freshwater prawns of the genus *Macrobrachium* Bate, 1868 (Crustacea: Decapoda: Palaemonidae) from Brunei Darussalam. Raff. Buff. Zool. 49: 269-289.
- Wowor D, PKL Ng. 2001. Identity of the Giant Prawn, *Macrobrachium rosenbergii* (De Man, 1879) (Crustacea: Decapoda: Caridea: Palaemonidae). In: Proceedings of the Fifth International Crustacean Congress, Melbourne, Australia. pp. 9-13.
- Yu HT. 1995. Patterns of diversification and genetic population structure of small mammals in Taiwan. Biol. J. Lin. Soc. 55: 69–89.
- Yu SC. 1936. Notes on new freshwater prawns of the genus *Palaemon* from Yunnan. Bull. Fan Mem. Inst. Biol. (Zool.). 6: 305-314.