UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

REFERENCES

AHEARN J.N. & A.R. TEMPLETON, 1989. Interspecific hybrids of *Drosophila heteroneura* and *D. silvestris*. I. Courtship success. *Evolution* **43**: 347-361.

AKINGBOHUNGBE A.E., 1974. Chromosome numbers of some North American mirids (Heteroptera: Miridae). *Canadian Journal of Genetics and Cytology* **16**: 251-256.

BANERJEE M.R., 1958. A study of the chromosomes during meiosis in twenty-eight species of Hemiptera (Heteroptera, Homoptera). *Proceedings of the Zoological Society of Calcutta* **11(1)**: 2-32.

BARIK S.K., PATRA S., DEB-MALLICK S. & G.K. MANNA, 1981. The occurrence of a supernumery Y-chromosome in a lygaeid bug, *Lygaeus hospes*. In: *Perspectives in Cytology and Genetics*. (Eds. G.K. Manna & U. Sinha), Vol. **3**: 131-136.

BATTAGLIA E., 1955. A consideration of a new type of meiosis (mis-meiosis) in Juncaceae (*Luzula*) and Hemiptera. *Bulletin of the Torrey Botanical Club* **82**: 383-396.

BUCK R.C., 1967. Mitosis and meiosis in *Rhodnius prolixus*: the fine structure of the spindle and diffuse kinetochore. *Journal of Ultrastructure Research* **18**: 489-501.

CARSON H.L., 1985. Unification of speciation theory in plants and animals. *Systematic Botany* **10(4)**: 380-390.

CARSON H.L. & A.R. TEMPLETON, 1984. Genetic revolutions in relation to speciation phenomena: the founding of new populations. *Annual Review of Ecology and Systematics* **15**: 97-131.

CHETTY C.K.R., L.P. UPADHAYA & S. KEDHARNATH, 1970. Estimation of risk of reversal of arms and order of chromosomes in karyotype analysis of *Pinus roxburghii* Sarg. *Indian Forester* **96**: 811-816.

COBBEN R.H., 1968. *Evolutionary trends in the Heteroptera. Part I. Eggs, architecture of the shell, gross embryology and eclosion*. Center Agric. Publ. & Document, Wageningen. 475 pp.

COBBEN R.H., 1978. Evolutionary trends in the Heteroptera. Part II. Mouthpart-structures and feeding strategies. *Mededelingen Landbouwhoogeschool Wageningen* **78(5)**: 1-407.

COMINGS D.E. & T.A OKADA, 1972. Holocentric Chromosomes in *Oncopeltus*: Kinetochore Plates are present in Mitosis but absent in Meiosis. *Chromosoma (Berlin)* **37**: 177-192.

CRACRAFT J., 1989. Speciation and its ontology: The empirical consequences of alternative species concepts for understanding patterns and processes of differentiation. Pp.28-59 in: *Speciation and its consequences*. Eds. Otte D. & J.A. Endler. Sinauer Associates, Inc. Publishers, Sunderland, Massachusetts. 679pp.

DARLINGTON C.D. & L.E. LA COUR, 1976. *The Handling of Chromosomes*. Sixth Edition. George Allen & Unwin Ltd., London. 201pp.

DESALLE R., GIDDINGS L.V. & A.R. TEMPLETON, 1986. Mitochondrial DNA variability in natural populations of Hawaiian *Drosophila*. I. Methods and levels of variability in *D. silvestris* and *D. heteroneura* populations. *Heredity* **56**: 75-85.

DESALLE R. & A.R. TEMPLETON, 1987. Comments on "The significance of asymmetrical sexual isolation." *Evolutionary Biology* **21**: 21-27.

ECKENWALDER J.E., 1984. Natural intersectional hybridization between North American species of *Populus* (Salicaceae) in sections Aigeiros and Tacamahaca. III. Paleobotany and evolution. *Canadian Journal of Botany* **62**: 336-342.

EFRON B., 1979a. Computers and the theory of statistics: thinking the unthinkable. *SIAM Review* **21(4)**: 460-480.

EFRON B., 1979b. Bootstrap methods: another look at the jackknife. *Annals of Statistics* **7(1)**: 1-26.

ESSAD S., J. ARNOUX & N. MAIA, 1966. Controle de validite des caryogramme. Application au caryotype de *Lolium perenne* L.. *Chromosoma (Berlin)* **20**: 202-220.

FINSTON T.L., HEBERT P.D.N. & R.B. FOOTTIT, 1995. Genome size variation in aphids. *Insect Biochemistry and Molecular Biology* **25**: 189-196.

FOX D.P., 1969. The Relationship Between DNA Value and Chromosome Volume in the Coleopteran Genus *Dermestes*. *Chromosoma (Berlin)* **27**: 130-144.

GOLDSCHMIDT E., 1953. Multiple Sex-chromosome mechanisms and polyploidy in animals. *Journal of Genetics* **51**: 434-440.

GONZÁLEZ-GARCÍA J.M., ANTONIO C., SUJA J.A. & J.S. RUFAS, 1996. Meiosis in holocentric chromosomes: kinetic activity is randomly restricted to the chromatid ends of sex univalents in *Graphosoma italicum* (Heteroptera). *Chromosome Research* **4**: 124-132.

GRANT V., 1957. The plant species in theory and practice. Pp 39-80 in: E. Mayr (ed.), *The Species Problem*. American Association for the Advancement of Science, Publication No. 50, Washington, D. C.

GRANT V., 1963. *The Origin of Adaptations*. Columbia University Press, New York.

GRANT V., 1981a. *Plant Speciation*. 2nd ed. Columbia University Press, New York.

GRANT V., 1981b. The genetic goal of speciation. *Biologisches Zentralblatt* **100**: 473-482.

GROZEVA S., 1997. Cytogenetic analysis of some aradid species (Heteroptera: Aradidae). *European Journal of Entomology* **94**: 421-424.

GROZEVA S. & S. NOKKALA, 1996. Chromosomes and their behaviour in two families of the primitive infraorder Dipsocoromorpha (Heteroptera). *Hereditas* **125**: 31-36.

HALES D.F., TOMIUK J., WÖHRMANN K. & P. SUNNUKS, 1997. Evolutionary and genetic aspects of aphid biology: A review. *European Journal of Entomology* **94**: 1-55.

HEISS, E. & D. JACOBS, 1989. Studies on African Aradidae II. New records of apterous Carventinae from South Africa (Heteroptera, Aradidae, Carventinae). *Mitteilungen Münchener Entomologischen Gesellschaft* **79**: 47-59.

HEIZER P., 1950. The chromosome cytology of two species of the Pacific genus *Oechalia* (Pentatomidae, Hemiptera- Heteroptera), *Oechalia patruelis* Stål, and *Oechalia pacifica* Stål. *Journal of Morphology* **87**: 179-226.

HELENIUS O., 1952. The mode of bivalent orientation in the Hemiptera. *Hereditas* **38**: 420-434.

HOBERLANDT L., 1958. Hemiptera (Heteroptera): Aradoidea. *South African Animal Life* **5**: 150-157.

HOBERLANDT L., 1959. New species of the genus *Dundocoris* Hoberlandt (Heteroptera- Aradidae) with the key to the species. *Acta Entomologica Musei Nationalis Pragae* **33(556)**: 91-95.

HOLMAN E.W., 1987. Recognizability of sexual and asexual species of rotifers. *Systematic Zoology* **36**: 381-386.

HUGHES-SCHRADER S., 1948. Cytology of Coccids (Coccoidea - Homoptera). *Advances in Genetics* **2**: 127-203.

HUGHES-SCHRADER S. & F. SCHRADER, 1956. Polyteny as a factor in the chromosomal evolution of the Pentatomini (Hemiptera). *Chromosoma (Berlin)* **8**: 135-151.

HUGHES-SCHRADER S. & F. SCHRADER, 1961. The kinetochore of the Hemiptera. *Chromosoma (Berlin)* **12**: 327-350.

HUNT J.A. & H.L. CARSON, 1983. Evolutionary relationships of four species of Hawaiian *Drosophila* as measured by DNA reassociation. *Genetics* **104**: 353-364.

HUNT J.A., BISHOP J.G. & H.L. CARSON, 1984. Chromosomal mapping of a middle-repetitive DNA sequence in a cluster of five species of Hawaiian *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America* **81**: 7146-7150.

HUTCHINSON G.E., 1965. The niche: An abstractly inhabited hypervolume. Pp. 26-78 in: *The Ecological Theatre and the Evolutionary Play*. Yale University Press, New Haven.

JACOBS D.H., 1986. Morphology and taxonomy of sub-Saharan *Aneurus* species with notes on their phylogeny, biology and cytogenetics (Heteroptera: Aradidae: Aneurinae). *Entomology Memoir Republic of South Africa Department of Agriculture and Water Supply* **64**: 1-45.

JACOBS D.H. & H. LIEBENBERG, 1980. Sitogenetika van die Suid-Afrikaanse Heteroptera. *Proc. 7th Congress of the South African Genetics Society* pp. 282-297.

JANDE S.S., 1959. Chromosome number and sex mechanism in nineteen species of Indian Heteroptera. *Research Bulletin (New Series) of the Panjab University* **10**: 415-417.

JOHN B. & G.M. HEWITT, 1966. Karyotype stability and DNA variability in the Acrididae. *Chromosoma (Berlin)* **20**: 155-172.

JOHN B. & M. KING, 1985. Pseudoterminalisation, terminalisation, and non-chiasmate modes of terminal association. *Chromosoma (Berlin)* **92**: 89-99.

JUAN C., SEGARRA C. & E. PETITPIERRE, 1989. Nuclear DNA content, karyological heterogeneity and evolutionary implications in the leafbeetles (Coleoptera, Chrysomelidae). *10th International Chromosome Conference*, Abstracts, Uppsala, June 18-22, p. 114.

KANESHIRO K. & F.C. VAL, 1977. Natural hybridization between a sympatric pair of Hawaiian *Drosophila*. *American Naturalist* **111**: 897-902.

KAVENOFF R. & B.H. ZIMM, 1973. Chromosome-sized DNA molecules from Drosophila. *Chromosoma (Berlin)* **41**: 1-27.

KENTON A., 1984. Chromosome evolution in the *Gibasis linearis* group (Commelinaceae). III. DNA variation, chromosome evolution, and speciation in *G. venustula* and *G. heterophylla*. *Chromosoma (Berlin)* **90**: 303-310.

KORMILEV N.A., 1961. Notes on Aradidae from the eastern hemisphere XVIII. *Journal of the Entomological Society of Southern Africa* **24(2)**: 248-252.

KORMILEV N.A., 1971. Mezirinae of the Oriental Region and South Pacific (Hemiptera - Heteroptera: Aradidae). *Pacific Insects Monograph* **26**: 1-165.

KORMILEV N.A. & R.C. FROESCHNER, 1987. Flat bugs of the world. A synonymic list. (Heteroptera: Aradidae). *Entomography* **5**: 1-246.

KORMILEV N.A. & E. Heiss, 1976. On new and little known species of Aradidae I.. *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* **28**: 39-44.

KUMAR R., 1967. Morphology of the reproductive and alimentary systems of the Aradoidea (Hemiptera), with comments on relationships within the superfamily. *Annals of the Entomological Society of America* **60(1)**: 17-25.

LA CHANCE L.E., M. DEGRUGILLIER & A.P. LEVERICH, 1970. Cytogenetics of inherited partial sterility in three generations of the large milkweed bug as related to holokinetic chromosomes. *Chromosoma (Berlin)* **29**: 20-41.

LAIRD C.D., 1971. Chromatid structure: Relationship between DNA content and nucleotide sequence diversity. *Chromosoma (Berlin)* **32**: 378-406.

LEE C.E. & J.G. PENDERGRAST, 1976. A comparative study of the stylets in the Aradidae. *Journal of Natural History* **10**: 489-496.

LESTON D., 1957. Cyto-taxonomy of Miridae and Nabidae (Hemiptera). *Chromosoma (Berlin)* **8**: 609-616.

LESTON D., 1958. Chromosome number and systematics of Pentatomorpha. *10th International Congress of Entomology (Montreal) Proceedings* **2**: 911-918.

LESTON D., J.G. PENDERGRAST & T.R.E. SOUTHWOOD, 1954. Classification of the terrestrial Heteroptera (Geocorisae). *Nature* **174**: 91.

LORKOVIĆ Z., 1941. Die Chromosomenzahlen in der Spermatogenese der Tagfalter. *Chromosoma (Berlin)* **2**: 155-191.

LORKOVIĆ Z., 1949. Chromosomen-Vervielfachung bei Schmetterlingen und ein neuer Fall fünffacher Zahl. *Revue Suisse de Zoologie* **56**: 243-249.

MALHEIROS-GARDÉ N. & A. GARDÉ, 1950. Fragmentation as a possible evolutionary process in the genus *Luzula* D.C. *Genetica Iberica* **2**: 257

MALIPATIL M.B., 1979. Chromosome Variation in the Males of some Australian Lygaeidae (Hemiptera: Heteroptera). *Australian Journal of Zoology* **27**: 709-715.

MANNA G.K., 1958. Cytology and inter-relationships between various groups of Heteroptera. *10th International Congress of Entomology (Montreal) Proceedings* **2**: 919-934.

MANNA G.K., 1984. Chromosomes in evolution in Heteroptera. In: *Chromosomes in evolution of eukaryotic groups* Vol II.(Eds. A.K. Sharma & A. Sharma). Boca Raton, CRC Press, pp.189-225.

MANNA G.K. & S. DEB-MALLICK, 1986. Both X and Y chromosome polymorphisms in two species of *Lygaeus* in a natural population (Lygaeidae, Heteroptera). *Entomon* **11(2)**: 149-156.

MATÉRN B. & M. SIMAK, 1968. Statistical problems in karyotype analysis. *Hereditas* **59**: 280-288.

MAYR E., 1942. *Systematics and the origin of species*. Columbia University Press, New York.

MAYR E., 1963. *Animal Species and Evolution*. Harvard University Press, Cambridge, Massachusetts.

MAYR E., 1970. *Populations, Species and Evolution*. Belknap Press, Cambridge, Massachusetts.

McLAREN I.A., SÉVIGNY J.-M. & C.J. CORKETT, 1988. Body sizes, development rates, and genome sizes among *Calanus* species. *Hydrobiologia* **167/168**: 275-284.

McLAREN I.A., SÉVIGNY J.-M. & B.W. FROST, 1989. Evolutionary and ecological significance of genome sizes in the copepod genus *Pseudocalanus*. *Canadian Journal of Zoology* **67**: 565-569.

MICHENER C.D., 1970. Diverse approaches to systematics. *Evolutionary Biology* **4**: 1-38.

MITTAL O.P. & L. JOSEPH, 1984. Morphometric analysis of the chromosomes in three species of male plataspidid bugs (Plataspidae: Heteroptera). *Caryologia* **37(4)**: 393-399.

MONTEITH G.B., 1997. Revision of the Australian flat bugs of the subfamily Mezirinae (Insecta: Hemiptera: Aradidae). *Memoirs of the Queensland Museum* **41(1)**: 1-169.

MULLER, H.J., 1925. Why polyploidy is rarer in animals than in plants. *American Naturalist* **59**: 346-353.

MURAMOTO N., 1975. A preliminary note on the Giemsa bands of the chromosomes of two Heteropteran insects. *CIS (Chromosome Information Service)* **18**: 33-35.

MURAMOTO N., 1978. Notes on the Giemsa-banded chromosomes in some Heteropteran insects. *Proceedings of the Japan Academy Series B Physical and Biological Sciences* **54(3)**: 101-105.

NARAYAN R.K.J., 1982. Discontinuous DNA variation in the evolution of plant species: the genus *Lathyrus*. *Evolution* **36(5)**: 877-891.

NEWMAN L.J. & L. CHENG, 1983. Chromosomes of five species of sea-skater (Gerridae-Heteroptera). *Genetica* **61**:215-217.

NOKKALA S., 1985. Restriction of kinetic activity of holokinetic chromosomes in meiotic cells and its structural basis. *Hereditas* **102**: 85-88.

NOKKALA S. & C. NOKKALA, 1983. Achiasmatic male meiosis in two species of *Saldula* (Saldidae Hemiptera). *Hereditas* **99**: 131-134.

NOKKALA S. & C. NOKKALA, 1984a. N-banding patterns of holokinetic chromosomes and its relation to chromosome structure. *Hereditas* **100**: 61-65.

NOKKALA S. & C. NOKKALA, 1984b. The occurrence of the XO sex chromosome system in *Dictyonota tricornis* (Schr.) (Tingidae, Hemiptera) and its significance for concepts of sex chromosome system evolution in Heteroptera. *Hereditas* **100**: 299-301.

NOKKALA S. & C. NOKKALA, 1985. Mitotic and meiotic behaviour of axial core structure of holokinetic chromosomes. *Hereditas* **103**: 107-110.

NOKKALA S. & C. NOKKALA, 1996. The absence of chiasma terminalization and inverted meiosis in males and females of *Myrmus miriformis* Fn. (Corizidae, Heteroptera). *Heredity* **78**: 561-566.

NORDENSKIÖLD H., 1949. The somatic chromosomes of some *Luzula* species. *Botaniska Notiser* **1949**: 81-92.

NORDENSKIÖLD H., 1951. Cyto-taxonomical studies in the genus *Luzula* I. *Hereditas* **37**: 325-355.

NORDENSKIÖLD H., 1956. Cyto-taxonomical studies in the genus *Luzula* II. Hybridization experiments in the *campestris-multiflora* complex. *Hereditas* **42**: 7-73.

NORDENSKIÖLD H., 1961. Tetrad analysis and the course of meiosis in three hybrids of *Luzula campestris*. *Hereditas* **47**: 203-238.

ORTIZ E., 1969. Chromosomes and meiosis in Dermaptera. *Chromosomes Today* **2**: 33-43.

PANZERA F., ALVAREZ F., SANCHES-RUFAS J., PEREZ R., SUJA J.A., SCVORTZOFF E., DUJARDIN J.P., ESTRAMIL E. & R. SALVATELLA, 1992. C-heterochromatin polymorphism in holocentric chromosomes of *Triatoma infestans* (Hemiptera: Reduviidae). *Genome* **35**: 1068-1074.

PANZERA F., HORNOS S., PEREIRA J., CESTAU R., CANALE D., DIOTAIUTI L., DUJARDIN J.P. & R. PEREZ, 1997. Genetic variability and geographic differentiation among three species of triatomine bugs (Hemiptera - Reduviidae). *American Journal of Tropical Medicine and Hygiene* **57(6)**: 732-739.

PANZERA F., PEREZ R., PANZERA Y., ALVAREZ F., SCVORTZOFF E. & R. SALVATELLA, 1995. Karyotype evolution in holocentric chromosomes of three related species of triatomines (Hemiptera - Reduviidae). *Chromosome Research* **3**: 143-150.

PAPESCHI A.G., 1991. DNA content and heterochromatin variation in species of *Belostoma* (Heteroptera, Belostomatidae). *Hereditas* **115**: 109-114.

PARSHAD R., 1958. Structure of the Heteropteran kinetochore. The behaviour of the long chromosomes in some lygaeid and coreid bugs during mitosis and meiosis. *Cytologia* **23**: 25-32.

PÉREZ R., PANZERA F., PAGE J., SUJA J.A. & J.S. RUFAS, 1997. Meiotic behaviour of holocentric chromosomes: orientation and segregation of autosomes in *Triatoma infestans* (Heteroptera). *Chromosome Research* **5**: 47-56.

PFALER-COLLANDER E.V., 1941. Vergleichend-Karyologische Untersuchungen an Lygaeiden.. *Acta Zoologica Fennica* **30**: 1-119.

RAINA, S.N. & M.S. BISHT, 1988. DNA amounts and chromatin compactness in *Vicia*. *Genetica* 77: 65-77.

RAINA, S.N. & H. REES, 1983. DNA variation between and within chromosome complements of *Vicia* species. *Heredity* **51(1)**: 335-346.

REES H., D.D. SHAW & P. WILKINSON, 1978. Nuclear DNA variation among acridid grasshoppers. *Proceedings of the Royal Society of London Series B Biological Sciences* **202**: 517-525.

RUTHMANN A. & Y. PERMANTIER, 1973. Spindel und Kinetochoren in der Mitose und Meiose der Baumwollwanze *Dysdercus intermedius* (Heteroptera). *Chromosoma (Berlin)* **41**: 271-288.

SANDS V.E., 1982. Cytological studies of the Coreidae and Alydidae (Hemiptera: Heteroptera). II. Karyological changes exemplified by Malaysian genera. *Caryologia* **35(3)**: 335-345.

SATAPATHY S.N. & S.C. PATNAIK, 1988. Chromosomal studies in seven species of family Pentatomidae (Heteroptera). *Caryologia* **41(1)**: 49-60.

SCHRADER F., 1935. Notes on the mitotic behaviour of long chromosomes. *Cytologia* (Tokyo) **6**: 422-430.

SCHRADER F., 1940. Touch-and-go pairing in chromosomes. *Proceedings of the National Academy of Sciences of the United States of America* **26**: 634-636.

SCHRADER F., 1947. The role of the kinetochore in the chromosomal evolution of the Heteroptera and Homoptera. *Evolution* **1**: 134-142.

SCHRADER F., 1960. Cytological and evolutionary implications of aberrant chromosome behaviour in the harlequin lobe of some Pentatomidae (Heteroptera). *Chromosoma (Berlin)* **11**: 103-128.

SCHRADER F. & S. HUGHES-SCHRADER, 1956. Polyploidy and fragmentation in the chromosomal evolution of various species of *Thyanta* (Hemiptera). *Chromosoma (Berlin)* **7**: 469-496.

SCHRADER F. & S. HUGHES-SCHRADER, 1958. Chromatid autonomy in *Banasa* (Hemiptera: Pentatomidae). *Chromosoma (Berlin)* **9**: 193-215.

SCHUH R.T., 1979. [Review of] Evolutionary trends in Heteroptera. Part II. Mouthpart-structures and feeding strategies, by R.H. Cobben. *Systematic Zoology* **28**: 653-656.

SCHWARTZ D., 1975. Chromosome structure: A test for the bineme model. *Chromosoma (Berlin)* **52**: 293-296.

SELLA G., REDI C.A., RAMELLA L., SOLDI R. & M.C. PREMOLI, 1993. Genome size and karyotype length in some interstitial polychaete species of the genus *Ophryotrocha* (Dorvilleidae). *Genome* **36**: 652-657.

SESHACHAR B.R., S.R.V. RAO & C.M.S. DASS, 1959. The kinetochore in *Eurybrachis apicalis* (Homoptera, Auchenorrhyncha). *Cytologia* **24**: 335-341.

SPARROW A.H. & A.F. NAUMAN, 1976. Evolution of genome size by DNA doublings. *Science* **192**: 524-529.

STYS P. & I. KERZHNER, 1975. The rank and nomenclature of higher taxa in recent Heteroptera. *Acta Entomologica Bohemoslovaca* **72**: 65-79.

SUOMALAINEN E. & O. HALKKA, 1963. The mode of meiosis in the Psyllina. *Chromosoma* (Berlin) 14: 498-510.

TAKENOUCHI Y. & N. MURAMOTO, 1967. A survey of the chromosomes in twenty species of Heteroptera insects. (in Japanese). *Journal of the Hokkaido University of Education Section IIB* **18**: 1-15.

TAKENOUCHI Y. & N. MURAMOTO, 1968. A survey of the chromosomes in twenty-three species of Heteroptera insects. (in Japanese). *Journal of the Hokkaido University of Education Section IIB* **19**: 1-19.

TAVARES M.G. & M.T.V. DE AZEREDO-OLIVEIRA, 1997. Cytogenetic studies on holocentric chromosomes of five species of triatomines (Heteroptera: Reduviidae). *Cytobios* **89**: 51-61.

TEMPLETON A.R., 1977. Analysis of head shape differences between two interfertile species of Hawaiian *Drosophila*. *Evolution* **31**: 630-642.

TEMPLETON A.R., 1989. The meaning of species and speciation. Pp.3-27 in: *Speciation and its consequences*. Eds. Otte D. & J.A. Endler. Sinauer Associates, Inc. Publishers, Sunderland, Massachusetts. 679pp.

THOMAS D.B. jr, 1987. Chromosome evolution in the Heteroptera (Hemiptera): Agmatoploidy versus Aneuploidy. *Annals of the Entomological Society of America* **80(6)**: 720-730.

THOMAS D.B., 1996. Role of Polyploidy in the Evolution of the Heteroptera. *Thomas Say Foundation Publications: Studies on Hemipteran Phylogeny* pp. 159-178.

THOMAS D.B. & T.R. YONKE, 1985. Cladistic analysis of zoogeography and polyploid evolution in the stinkbug genus *Banasa* Stål (Hemiptera: Pentatomidae). *Annals of the Entomological Society of America* **78**: 855-862.

UESHIMA N., 1963. Chromosome complements of two species of flat bugs. *CIS (Chromosome Information Service)* **4**: 12-14.

UESHIMA N., 1966. Cytotaxonomy of the Triatominae (Reduviidae: Hemiptera). *Chromosoma (Berlin)* **18**: 97-122.

UESHIMA N., 1979. Hemiptera II: Heteroptera. **In:** *Animal Cytogenetics*. Ed. B. John. Volume 3: Insecta 6. Gebrüder Borntraeger, Berlin, Stuttgart. 117pp.

UESHIMA N. & P.D. ASHLOCK, 1980. Cytotaxonomy of the Lygaeidae (Hemiptera- Heteroptera). *University of Kansas Science Bulletin* **51(26)**: 717-801.

USINGER R.L. & R. MATSUDA, 1959. *Classification of the Aradidae (Hemiptera - Heteroptera).* British Museum (Natural History), London. 410pp.

VAL F.C., 1977. Genetic analysis of the morphological differences between two interfertile species of Hawaiian *Drosophila*. *Evolution* **31**: 611-629.

WHEELER W.C., SCHUH R.T. & R. BANG, 1993. Cladistic relationships among higher groups of Heteroptera: congruence between morphological and molecular data sets. *Entomologica scandinavica* **24**: 121-137.

WHITE M.J.D., 1946. The evidence against polyploidy in sexually-reproducing animals. *American Naturalist* **80**: 610-619.

WHITE M.J.D., 1973. *Animal cytology and evolution*. 3rd Edition. Cambridge University Press, London, New York, Melbourne. 961pp.

WHITE M.J.D., 1978. *Modes of Speciation*. W.H. Freeman and Company, San Francisco. 455pp.

WILKE G. 1913. Chromatinreifung und Mitochondrienkörper in der Spermatogenese von *Hydrometra paludum* Fab. *Archiv för Zellforchung* **10**: 203-236.

WILSON E.B., 1905. Studies on chromosomes II. The paired microchromosomes, idiochromosomes and heterotropic chromosomes in Hemiptera. *Journal of Experimental Zoology* **2**: 507-545.

WILSON E.B., 1907. Notes on the chromosome group of *Metapodius* and *Banasa*. *Biological Bulletin* **12**: 303-313.

WILSON E.B., 1909. Studies on chromosomes V. The chromosomes of *Metapodius*. A contribution to the hypothesis of the genetic continuity of chromosomes. *Journal of Experimental Zoology* **6**: 147-205.

WILSON E.B., 1910. Studies on chromosomes VI. A new type of chromosome combination in *Metapodius*. *Journal of Experimental Zoology* **9**: 53-78.

WILSON E.B., 1912. Studies on chromosomes VIII. Observations on the maturation phenomenon in certain Hemiptera and other forms, with considerations on synapsis and reduction. *Journal of Experimental Zoology* **13**: 345-431.

WILSON E.B., 1932. Polyploidy and metaphase patterns. *Journal of Morphology* **53(3)**: 443-471.

WOLFF S., 1969. Strandedness of chromosomes. *International Review of Cytology* **25**: 279-296.