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## Bibliography of Cicadulina (Homoptera: Cicadellidae) vectors of maize streak and related viruses (NRI Bulletin No. 40)

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***BIBLIOGRAPHY OF CICADULINA  
(HOMOPTERA: CICADELLIDAE)  
VECTORS OF MAIZE STREAK  
AND RELATED VIRUSES***



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# NATURAL RESOURCES INSTITUTE

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BULLETIN No. 40

**BIBLIOGRAPHY OF *CICADULINA*  
(HOMOPTERA: CICADELLIDAE)  
VECTORS OF MAIZE STREAK AND  
RELATED VIRUSES**

C. DAVIS

The Natural Resources Institute (NRI) is the scientific arm of Britain's Overseas Development Administration. NRI's principal aim is to increase the productivity of renewable natural resources in developing countries through the application of science and technology. Its areas of expertise are resource assessment and farming systems, integrated pest management, and food science and crop utilization.

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# Introduction

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There are 22 *Cicadulina* species (Webb, 1987b), of which 12 have been identified as being involved in the transmission of virus diseases affecting cereals and gramineae. The most important of these virus diseases are caused by geminiviruses, and of the 12 known vector species, ten are believed to transmit maize streak or related geminiviruses including sugarcane streak, ragi (pearl millet) streak and bajra (*Pennisetum typhoides*) streak. These ten species as listed below with synonyms in parenthesis, are the subject of this bibliography.

***Cicadulina arachidis*** China

***Cicadulina bipunctata*** (Melichar) (= *Gnathodus bipunctatus* Melichar, *Cicadula bipunctella* Matsumura, *Cicadulina zae* China, *C. bipunctella bipunctella* (Matsumura), *C. bipunctella zae* China, *C. bipunctata* (Melichar))

***Cicadulina chinai*** Ghauri

***Cicadulina ghaurii*** Dabrowski

***Cicadulina latens*** Fennah

***Cicadulina mbila*** (Naude) (= *Balclutha mbila* Naude)

***Cicadulina niger*** Ghauri

***Cicadulina parazeae*** Ghauri

***Cicadulina similis*** China

***Cicadulina storeyi*** China (= *C. triangula* Ruppel, *C. nicholsi* Storey)

The bibliography is divided into two sections. The first is an alphabetical listing of references by author, and the second is a geographical index dividing the references by country location. Where a large volume of literature has been produced on one country, references in the geographical index have been subdivided by subject headings. Also included in Section Two is a table of references arranged by major subject and period of publication.

In Section One, wherever possible, non-English language reference titles are given in the original language, with a translation following in parenthesis. For non-alphanumeric languages the title is given in English, with the language indicated in square brackets afterwards.

In Section Two each reference is accompanied by a brief note on its contents, and where appropriate, the species of *Cicadulina* included in the study. Synonyms used are again taken from Webb (1987b). Where junior synonyms are used in a reference, they are listed in parenthesis after the preferred synonym i.e. *C. storeyi* (= *triangula*).

This bibliography has been constructed from a Micro-CAIRS database based at the Natural Resources Institute in Chatham. The database is used as an information and planning resource for research conducted at the Institute. Further information on this database is available from the author at:

Pest Ecology Department, Natural Resources Institute, Central Avenue, Chatham Maritime, Kent ME4 4TB, United Kingdom.

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## ABBREVIATIONS USED IN THE BIBLIOGRAPHY

AAB	Association of Applied Biologists
CIMMYT	Centro Internacional de Mejoramiento de Maiz Y Trigo
CIRAD	Centre de cooperation internationale en recherche agronomique pour le developpement
CMI	Commonwealth Mycological Institute
FAO	Food and Agriculture Organization of the United Nations
IITA	International Institute of Tropical Agriculture
IRAT	Institut de Recherches Agronomiques Tropicales et des Cultures Vivrieres
MSIRI	Mauritius Sugar Industry Research Institute
ORSTOM	Institut International de Recherche Scientifique pour le Developpement a Adiopodoume ( <i>formerly</i> Office de la Recherche Scientifique et Technique Outre-Mer)
USDA	United States Department of Agriculture



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## Section 1

# Bibliography

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- 1 AGATI, J.A. and CALICA, C. (1949). The leaf-gall disease of rice and corn in the Philippines. *Philippine Journal of Agricultural Research*, 14: 31-40.
- 2 AKINGBOHUNGBE, A.E. (1983). Nomenclatural problems, biology, host plant and possible vector status of Auchenorrhyncha associated with crop plants in Nigeria. pp. 365-370. In *Proceedings of the 1st International Workshop on Biotaxonomy, Classification, and Biology of Leafhoppers and Planthoppers (Auchenorrhyncha) of Economic Importance, London, 4-7 October 1982*. Knight, W.J., Pant, N.C., Robertson, T.S. and Wilson M.R. (eds). London: Commonwealth Institute of Entomology. 500 pp.
- 3 ALAM, M.S. (1983). Cereal Improvement Program: mass production of leafhoppers. pp. 31-32. In *IITA Annual Report 1982*. Ibadan: IITA. 217 pp.
- 4 AMMAR, E.D. (1975). Biology of the leafhopper *Cicadulina chinai* Ghauri (Homoptera: Cicadellidae) in Giza, Egypt. *Zeitschrift fur Angewandte Entomologie*, 79: 337-345.
- 5 AMMAR, E.D. (1977). Biology of *Cicadulina bipunctella zae* China in Giza, Egypt (Homoptera: Cicadellidae). *Deutsche Entomologische Zeitschrift*, 24: 345-352.
- 6 AMMAR, E.D. (1978). Comparative study on the morphology of the immature stages of *Cicadulina chinai* Ghauri and *Cicadulina bipunctella zae* China (Homoptera: Cicadellidae). *Deutsche Entomologische Zeitschrift*, 25: 119-127.
- 7 AMMAR, E.D. (1983). Virus diseases of sugarcane and maize in Egypt. pp. 122-126. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 8 AMMAR, E.D., ELNAGAR, S., ABUL-ATA, A.E. and SEWIFY, G.H. (1989). Vector and host-plant relationships of the leafhopper-borne maize yellow stripe virus. *Journal of Phytopathology (Berlin)*, 126: 246-252.
- 9 AMMAR, E.D., KIRA, M.T. and ABUL-ATA, A.E. (1980). Natural occurrence of streak and mosaic diseases on sugarcane cultivars at Upper Egypt and transmission of sugarcane streak by *Cicadulina bipunctella zae* China. *Egyptian Journal of Phytopathology*, 12: 21-26.
- 10 AMMAR, E.D., KIRA, M.T. and ABUL-ATA, A.E. (1982). Natural occurrence of streak and mosaic diseases on sugarcane cultivars at Upper Egypt and transmission of sugarcane streak by *Cicadulina bipunctella zae* China. *Annales de Virologie*, 133: 183-185.
- 11 AMMAR, E.D., LAMIE, O. and KHODEIR, I.A. (1983). Population studies of leafhoppers and planthoppers at Kafr-el-Sheikh, Egypt (Homoptera: Auchenorrhyncha). *Bulletin of the Entomological Society of Egypt*, 62: 63-70.
- 12 AMPOFO, J.K.O. (1988). Assessments of on-farm losses in maize production due to insect pests. *Insect Science and its Application*, 9: 687-690.

- 13 AUTREY, L.J.C. (1983). Maize mosaic virus and other maize virus diseases in the islands of the Western Indian Ocean. pp. 167-181. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 14 AUTREY, L.J.C. and RICAUD, C. (1983). The comparative epidemiology of two diseases of maize caused by leafhopper-borne viruses in Mauritius. pp. 277-285. In *Plant virus epidemiology: the spread and control of insect-borne viruses*. Plumb, R.T. and Thresh, J.M. (eds). Oxford: Blackwell Scientific Publications. 377 pp.
- 15 BAJET, N.B. and RENFRO, B.L. (1989). The hopper-borne diseases of maize and control by vector resistance. pp. 156-162. In *Toward Insect Resistant Maize for the Third World: Proceedings of the International Symposium on Methodologies for Developing Host Plant Resistance to Maize Insects, CIMMYT, Mexico, 9-14 March 1987*. Mexico: CIMMYT. 327 pp.
- 16 BJARNASON, M. (1986). Progress in breeding for resistance to the maize streak virus disease. pp. 197-207. In *To Feed Ourselves: Proceedings of the First Eastern, Central and Southern Africa Regional Maize Workshop*. Gelaw, B. (ed.). Mexico: CIMMYT. 307 pp.
- 17 BOCK, K.R. (1974). Maize streak virus. In *CMI/AAB Descriptions of Plant Viruses 1974*, No. 133. Harrison, B.D. and Murrant, A.F. (eds). CMI/AAB. 4 pp.
- 18 BOCK, K.R. (1982). Geminivirus diseases in tropical crops. *Plant Disease*, 66: 266-270.
- 19 BOCK, K.R. and BAILEY, R.A. (1989). Streak. pp. 323-332. In *Diseases of Sugarcane: Major Diseases*. Ricaud, C., Egan, B.T., Gillespie, A.G.Jr. and Hughes, C.G. (eds). Amsterdam, Oxford, New York and Tokyo: Elsevier. 399 pp.
- 20 BOCK, K.R. and MAJISU, B.N. (1971). Maize streak virus. pp. 79-80. In *East African Agriculture and Forestry Research Organization Annual Report 1970: Record of Research for the period 1st January to 31st December 1970*. Kenya: East African Community. 265 pp.
- 21 BOULTON, M.I., DAVIES, J.W., HULL, R., MARKHAM, P.G., PINNER, M.S., RACCAH, B. and WOOLSTON, C.J. (1986). Geminiviruses and leafhoppers. p. 47. In *John Innes Institute Seventy-third Report for the two years 1985-1986*. Norwich: John Innes Institute. 103 pp.
- 22 BOULTON, M.I., MARKHAM, P.G. and DAVIES, J.W. (1983). Nucleic acid hybridisation techniques for the detection of plant pathogens in insect vectors. Vol. 1, pp. 181-186. In *1984 British Crop Protection Conference: Pests and Diseases. Proceedings of a Conference held at Brighton Metropole, England, 19-22 November 1984*. Croydon: British Crop Protection Council. 396 pp.
- 23 CENTRO INTERNACIONAL DE MAJORAMIENTO DE MAIZ Y TRIGO (1985). Streak resistant varieties for Africa. pp. 15-22. In *CIMMYT Research Highlights 1984*. Mexico: CIMMYT. 111 pp.
- 24 CENTRO INTERNACIONAL DE MAJORAMIENTO DE MAIZ Y TRIGO (1988). CIMMYT/IITA breeding program in Africa. p. 21. In *CIMMYT 1987 Annual Report*. Mexico: CIMMYT. 91 pp.
- 25 CHINA, W.E. (1926). A new genus and species of Jassidae injurious to maize in Kenya colony, East Africa. *Bulletin of Entomological Research*, 17: 43.
- 26 CHINA, W.E. (1928). Two new species of *Cicadulina* China (Homoptera: Jassidae) from the Gambia, West Africa. *Bulletin of Entomological Research*, 19: 61-63.

- 27 CHINA, W.E. (1936). A new species of *Cicadulina* China (Homoptera: Jassidae) injurious to maize in Tanganyika territory. *Bulletin of Entomological Research*, 27: 251-252.
- 28 CHOUDHARY, G.G., SINGH, G. and BHATNAGAR, G.C. (1979). Reaction of wheat varieties to maize streak virus in Rajasthan. *Indian Phytopathology*, 31: 403-404.
- 29 CHOUDHARY, G.G., SINGH, G. and BHATNAGAR, G.C. (1980). Reactions of pearl millet lines to *Pennisetum* strain of maize streak virus. *Indian Journal of Mycology and Plant Protection*, 10: 71-72.
- 30 CHOUDHARY, G.G., SINGH, G. and DALELA, G.G. (1976). Occurrence of maize streak virus in Rajasthan. *Indian Journal of Mycology and Plant Protection*, 5: 27.
- 31 CLETUS, A.T. (1989). Maize pest problems in Cameroon: the present and future role of host plant resistance. pp. 289-290. In *Toward Insect Resistant Maize for the Third World: Proceedings of the International Symposium on Methodologies for Developing Host Plant Resistance to Maize Insects*, CIMMYT, Mexico, 9-14 March 1987. Mexico: CIMMYT. 327 pp.
- 32 COMMONWEALTH INSTITUTE OF ENTOMOLOGY (1986). *Cicadulina mbila* (Naude). *Distribution Maps of Insect Pests*, No. 481.
- 33 CONNOLLY, M. (1986). IITA wins King Baudouin Award for International Agricultural Research. *IITA Research Briefs*, 7: 1-2.
- 34 CONTI, M. (1981). Wild plants in the ecology of hopper-borne viruses of grasses and cereals. pp. 109-119. In *Pests, Pathogens and Vegetation: The Role of Weeds and Wild Plants in the Ecology of Crop Pests and Diseases. The Outcome of a Meeting at The University of York, 15-17 April 1980 in Collaboration with the British Ecological Society and the Federation of British Plant Pathologists*. Thresh, J.M. (ed.). Boston, London and Melbourne: Pitman Advanced Publishing Program. 517 pp.
- 35 CONTI, M. (1985). Transmission of plant viruses by leafhoppers and planthoppers. pp. 289-307. In *The leafhoppers and planthoppers*. Nault, L.R. and Rodriguez, J.G. (eds). Wiley-Interscience. 500 pp.
- 36 COOK, A.A. (ed.) (1981). Maize *Zea mays*: maize streak. pp. 128-129. In *Diseases of tropical and subtropical field, fiber and oil plants*. Macmillan Publishing Co. 450 pp.
- 37 DABROWSKI, Z.T. (1983). Identifying and collecting *Cicadulina* for maize streak resistance screening. *IITA Research Briefs*, 4: 2-3.
- 38 DABROWSKI, Z.T. (1984a). *Cicadulina* rearing and screening for streak virus resistance. pp. 41-42. In *IITA Annual Report 1983*. Ibadan: IITA. 218 pp.
- 39 DABROWSKI, Z.T. (1984b). Handling new *Cicadulina* colonies. *IITA Research Briefs*, 5(1): 2-4.
- 40 DABROWSKI, Z.T. (1984c). Rearing *Cicadulina*: technical methods, equipment needed. *IITA Research Briefs*, 5(2): 2-3.
- 41 DABROWSKI, Z.T. (1984d). Releasing *Cicadulina* for maize streak resistance screening. *IITA Research Briefs*, 5(3): 4-5.
- 42 DABROWSKI, Z.T. (1985). The biology and behaviour of *Cicadulina triangula* in relation to maize streak virus resistance screening. *Insect Science and its Application*, 6: 417-424.
- 43 DABROWSKI, Z.T. (1987a). *Cicadulina ghaurii* (Hemiptera: Euscelidae): distribution, biology and maize streak virus (MSV) transmission. *Journal of Applied Entomology*, 103: 489-496.

- 44 DABROWSKI, Z.T. (1987b). Comparative studies of *Cicadulina* leafhoppers in West Africa. pp. 35-39. In *Proceedings of 2nd International Workshop on Leafhoppers and Planthoppers of Economic Importance, Brigham Young University, Provo, Utah, USA, 28 July-1 August 1986*. Wilson, M.R. and Nault, L.R. (eds). London: Commonwealth Institute of Entomology. 368 pp.
- 45 DABROWSKI, Z.T. (1987c). Some parameters affecting suitability of *Cicadulina* species for resistance screening to maize streak virus (MSV). *Insect Science and its Application*, 8: 757-764.
- 46 DABROWSKI, Z.T. (1987d). Two new species of *Cicadulina* China (Hemiptera: Euscelidae) from West Africa. *Bulletin of Entomological Research*, 77: 53-56.
- 47 DABROWSKI, Z.T. (1988). Effect of the release of viruliferous *Cicadulina triangula* Ruppel adults on population density and species composition of wild *Cicadulina* spp. leafhoppers (Hemiptera: Euscelidae). *Journal of Applied Entomology*, 105: 450-454.
- 48 DABROWSKI, Z.T. (1989). Procedures and techniques for rearing *Cicadulina* leafhoppers. pp. 84-93. In *Toward Insect Resistant Maize for the Third World: Proceedings of the International Symposium on Methodologies for Developing Host Plant Resistance to Maize Insects, CIMMYT, Mexico, 9-14 March 1987*. Mexico: CIMMYT. 327 pp.
- 49 DABROWSKI, Z.T., KIM, S.K., THOTTAPPILLY, G., AKIBO-BETTS, D. and ROSSEL, H.W. (1985). Screening maize for resistance to mottle/chlorotic stunt. p. 52. In *IITA Annual Report 1984*. Ibadan: IITA. 238 pp.
- 50 DABROWSKI, Z.T., OKOTH, V.A.O. and EFRON, Y. (1985). *Cicadulina* spp. pp. 43-47. In *IITA Annual Report 1984*. Ibadan: IITA. 238 pp.
- 51 DAMSTEEGT, V.D. (1978). Maize streak virus: additional hosts of virus and vector. *Phytopathology News*, 12: 225.
- 52 DAMSTEEGT, V.D. (1980). Investigations of the vulnerability of US maize to maize streak virus. *Protection Ecology*, 2: 231-238.
- 53 DAMSTEEGT, V.D. (1983). Maize streak virus. 1. Host range and vulnerability of maize *Zea mays* germplasm. *Plant Disease*, 67: 734-737.
- 54 DAMSTEEGT, V.D. (1984). Maize streak virus: effect of temperature on vector and virus. *Phytopathology*, 74: 1317-1319.
- 55 DAVID, H. and ALEXANDER, K.C. (1984). Insect vectors of virus diseases of sugarcane. *Proceedings of the Indian Academy of Sciences, Animal Sciences*, 93: 339-347.
- 56 DEKKER, E., PINNER, M.S. and MARKHAM, P.G. (1986). Strains of maize streak virus. p. 47. In *John Innes Institute Seventy-third Report for the two years 1985-1986*. Norwich: John Innes Institute. 103 pp.
- 57 DELPUECH, I., BONFILS, J. and LECLANT, F. (1986). Contribution to the study of maize viruses transmitted by Auchenorrhyncha (Homoptera) in Reunion Island. *Agronomie*, 6: 549-554.
- 58 DEPARTMENT OF RESEARCH AND SPECIALIST SERVICES ZIMBABWE (1977). Maize streak vector control trial. pp. 8-9. In *1974-75 Annual Report Plant Protection Research Institute*. Harare: Research and Specialist Services; Information Services. 142 pp.
- 59 DEPARTMENT OF RESEARCH AND SPECIALIST SERVICES ZIMBABWE (1984). Plant pathology: A) Assessment of yield loss in wheat due to maize streak virus disease. B) Cultural control of maize streak virus disease on wheat crop. C) Maize streak virus screening in maize inbreds/hybrids. pp. 49-58. In *1980-81 Annual Report Plant Protection Research Institute*. Harare: Research and Specialist Services; Information Services. 79 pp.



- 60 DEPARTMENT OF RESEARCH AND SPECIALIST SERVICES ZIMBABWE (1987). Screening of soil incorporated granular pesticides to control maize streak virus (MSV) vector in maize: investigation on the efficacy of insecticides with different modes of action on the control of the maize streak (MSV) vector. pp. 123-128. In *1984-85 Annual Report Plant Protection Research Institute*. Harare: Research and Specialist Services; Information Services. 148 pp.
- 61 DOUSE, J.E. (1982). Maize streak virus disease and its control. *The Farmer*, (August 2): 29-30.
- 62 DRINKWATER, T.W., VAN RENSBURG, J.B.J. and WALTERS, M.C. (1979). The application of systemic insecticides to the soil for the control of the maize stalk borer *Busseola fusca* (Lepidoptera: Noctuidae) and of *Cicadulina mbila* (Hemiptera: Homoptera: Cicadellidae), the vector of maize streak virus. *Phytophylactica*, 11: 5-12.
- 63 EFRON, Y., KIM, S.K., FAJEMISIN, J.M., MARECK, J.H., TANG, C.Y., DABROWSKI, Z.T., ROSSEL, H.W., THOTTAPPILLY, G. and BUD-DENHAGEN, I.W. (1989). Breeding for resistance to maize streak virus: a multidisciplinary team approach. *Plant Breeding*, 103: 1-36.
- 64 ENGELBRECHT, A.H.P. (1980). *Cicadulina mbila* as vektor van growweverdwergingsiekte van *Zea mays*. [*Cicadulina mbila* as a vector for maize rough dwarf virus in *Zea mays*]. *Proceedings of the Electron Microscopy Society of South Africa*, 10: 57.
- 65 ENGELBRECHT, G.C. (1974). Streak, a major threat? pp. 101-106. In *Technical Communication*, No. 132. Du Plessis, J.G., Grogan, C.O., Kuhn, H.C. and Walters, M.C., (eds). Republic of South Africa: Department of Agricultural Technical Services. 112 pp.
- 66 ETIENNE, J. and ROURA, A. (1977). Insectes nuisables nouveaux pour la Reunion. [Pest insects new to Reunion]. pp. 43-44. In *IRAT-Reunion Rapport Annuel 1976*. [IRAT-Reunion Annual Report 1976]. Paris: IRAT. 184 pp.
- 67 EVANS, J.W. (1947). A natural classification of the leafhoppers (Jassoidea, Homoptera). Part 3. *Transactions of the Entomological Society of London*, 98: 105-271.
- 68 EXCONDE, O.R. (1983). Virus diseases of maize in the Philippines. pp. 203-205. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 69 FAJEMISIN, J.M. (1986). Maize diseases in Africa and their role in the varietal improvement process. pp. 237-250. In *To Feed Ourselves: Proceedings of the First Eastern, Central and Southern Africa Regional Maize Workshop*. Gelaw, B. (ed.). Mexico: CIMMYT. 307 pp.
- 70 FAJEMISIN, J.M., COOK, G.E., FUNNSO OKUSANYA and SHOYINKA, S.A. (1976). Maize streak epiphytotic in Nigeria. *Plant Disease Reporter*, 60: 443-447.
- 71 FAJEMISIN, J.M., DABROWSKI, Z.T., EFRON, Y. and KIM, S.K. (1987). Weather factors associated with recurring streak epidemics. pp. 267-276. In *Proceedings of the Seminar on Agrometeorology and Crop Protection in the Lowland Humid and Sub-humid Tropics, Cotonou, Benin, 7-11 July 1986*. Rijks, D. and Mathys, G. (eds). Geneva: Le Centre de Cooperation Agricole et Rurale. 267 pp.
- 72 FAJEMISIN, J.M., EFRON, Y., KIM, S.K., KHADR, F.H., DABROWSKI, Z.T., MARECK, J., BJARNASON, M., PARKISON, V., EVERETT, L.A. and DIALLO, A. (1985). Population and varietal development in maize for tropical Africa through resistance breeding approach. pp. 385-407. In *Breeding Strategies for Maize Production Improvement in the Tropics. International Expert Consultation, Florence and Bergamo, Italy*. Bran-

- dolini, A. and Salami, F. (eds). FAO and Instituto Agronomico Per L'Oltremare Firenze. 458 pp.
- 73 FAJEMISIN, J.M., KIM, S.K., EFRON, Y. and ALAM, M.S. (1984). Breeding for durable disease resistance in tropical maize with special reference to maize streak virus. pp. 49-71. In *FAO Plant Production and Protection Paper*, No. 55. Buddenhagen, I.W., Fajemisin, J.M., Williams, R.J., Andrews, D.J., Obilana, A.T., Singh, B.B. and Onin, J.F.M. (eds). Rome: FAO. 167 pp.
- 74 FAUQUET, C. and THOUVENEL, J.-C. (1980). La striure du maïs. [Maize streak virus]. pp. 43-46. In *Maladies virales des plantes cultivées en Côte D'Ivoire*. [Plant viral diseases in the Ivory Coast]. Paris: ORSTOM. 234 pp.
- 75 FENNAH, R.G. (1959). A new species of *Cicadulina* (Homoptera: Cicadellidae) from East Africa. *Annals and Magazine of Natural History*, (Series 13) 2: 757-758.
- 76 FERRIERE, C. (1930). On some egg parasites from Africa. *Bulletin of Entomological Research*, 21: 33-44.
- 77 GHAURI, M.S.K. (1961). A new East African *Cicadulina* (Cicadellidae: Homoptera) resembling *C. zae* China infesting maize in southern Rhodesia. *Annals and Magazine of Natural History*, (Series 13) 4: 369-370.
- 78 GHAURI, M.S.K. (1964). A new species of *Cicadulina* China (Homoptera: Cicadelloidea) from Kenya. *Annals and Magazine of Natural History*, (Series 13) 7: 205-208.
- 79 GHAURI, M.S.K. (1971). A remarkable new species of *Cicadulina* (Homoptera: Cicadelloidea) from East Africa. *Bulletin of Entomological Research*, 60: 631-633.
- 80 GORDON, D.T. (1984). Comments of the Chairperson of the International Working Group on Maize Virus Diseases. *Maize Virus Diseases Newsletter*, 1: 1-11.
- 81 GORTER, G.J.M.A. (1951). Streak disease in maize: helpful measures for its prevention. *Farming in South Africa*, (26 November): 361-362, 364.
- 82 GORTER, G.J.M.A. (1953). Studies on the spread and control of streak disease of maize. *Union of South Africa Science Bulletin*, No. 351. 20 pp.
- 83 GOUVEIA, M.A. (1973). Contribuição para o estudo dos Homopteros do milho em Mocimboa. [Contribution to the study of Homoptera on maize in Mozambique]. *Revista de Ciências Agrícolas (Mozambique)*, 6: 69-104.
- 84 GRAHAM, C.L. (1979). Inability of certain vectors in North America to transmit maize streak virus. *Environmental Entomology*, 8: 228-230.
- 85 GRYLLS, N.E. (1979). Leafhopper vectors and the plant disease agents they transmit in Australia. pp. 179-214. In *Leafhopper vectors and plant disease agents*. Maramorosch, K. and Harris, K.F. (eds). London: Academic Press. 654 pp.
- 86 HABIB, A., EL-KADY, E. and HERAKLY, F.A. (1980). Taxonomy of jassids infesting truck crops in Egypt (Hemiptera: Jassidae): taxonomy of sub-family Euscelinae, tribe Macrostelini. *Bulletin of the Entomological Society of Egypt*, 60: 197-213.
- 87 HAMAD, N.E.F., HANNA, H.M. and HERAKLY, F.A. (1981). Catches of leafhoppers in a light trap at Assiut, Egypt (Hemiptera: Cicadellidae). *Bulletin of the Entomological Society of Egypt*, 61: 21-29.
- 88 HARRIS, K.F. (1983). Auchenorrhynchous vectors of plant viruses: virus-vector interactions and transmission mechanisms. pp. 405-413. In *Proceedings of the 1st International Workshop on Biotaxonomy, Classification, and Biology of Leafhoppers and Planthoppers (Auchenorrhyncha) of Economic Importance, London, 4-7 October 1982*. Knight, W.J., Pant, N.C., Robertson, T.S. and Wilson, M.R. (eds). London: Commonwealth Institute of Entomology. 500 pp.

- 89 HELLER, F. and LINNAVUORI, R. (1968). Cicadelliden aus Athiopien. [Cicadellidae from Ethiopia]. *Stuttgarter Beitrage zur Naturkunde*, No. 186, pp. 1-42.
- 90 HILL, D.S. (1983). *Cicadulina mbila* (Naude). p. 182. In *Agricultural insect pests of the tropics and their control*. 2nd edn. Cambridge: Cambridge University Press. 746 pp.
- 91 HILL, D.S. and WALLER, J.M. (1988). Maize. pp. 202-218. In *Pests and diseases of tropical crops. Volume 2. Handbook of pests and diseases*. Longman Scientific and Technical. 432 pp.
- 92 INSTITUT DE RECHERCHES AGRONOMIQUES ET DES CULTURES VIVRIERES (1985). *Les insect vecteurs des viroses du maïs en Afrique et dans les Mascareignes*. [The insect vectors of maize viruses in Africa and the Mascarene Islands]. Fiches Techniques sur les Ravageurs des Cultures Vivrieres Tropicales. Montpellier: IRAT. 2 pp.
- 93 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1976). Maize streak virus. pp. 156-157. In *IITA Annual Report 1975*. Ibadan: IITA. 219 pp.
- 94 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1977a). Resistance to maize streak virus. pp. 8-10. In *IITA Annual Report 1976*. Ibadan: IITA. 126 pp.
- 95 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1977b). Maize streak virus. pp. 102-105. In *IITA Research Highlights 1976*. Ibadan: IITA. 157 pp.
- 96 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1977c). Screening for resistance to maize streak virus. *IITA Newsletter*, 7: 3-4.
- 97 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1978). Virology Unit. p. 89. In *IITA Annual Report 1977*. Ibadan: IITA. 98pp.
- 98 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1979a). Maize streak resistance. pp. 6-8. In *IITA Annual Report 1978*. Ibadan: IITA. 130 pp.
- 99 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1979b). Virology Unit. pp. 107-109. In *IITA Annual Report 1978*. Ibadan: IITA. 130 pp.
- 100 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1981a). Evaluation of leafhopper distribution methods. p. 96. In *IITA Annual Report 1980*. Ibadan: IITA. 185 pp.
- 101 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1981b). Virus research. pp. 29-33. In *IITA Research Highlights 1980*. Ibadan: IITA. 64 pp.
- 102 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1982). Maize mottle/chlorotic stunt (MMCS). p. 98. In *IITA Annual Report 1981*. Ibadan: IITA. 178 pp.
- 103 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1985a). Identifying and selecting *Cicadulina* species for effective mass rearing and maize streak resistance screening. pp. 66-69. In *IITA Research Highlights 1984*. Ibadan: IITA. 238 pp.
- 104 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1985b). Increasing leafhopper numbers and infestation efficiency for maize streak virus resistance screening. pp. 27-30. In *IITA Maize Improvement Program Research Highlights 1981-1984*. Ibadan: IITA. 48 pp.
- 105 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1985c). Identifying and selecting *Cicadulina* species for effective mass rearing and maize streak resistance screening. pp. 41-44. In *IITA Maize Improvement Program Research Highlights 1981-1984*. Ibadan: IITA. 48 pp.

- 106 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1986). Maize entomology. pp. 66-74. In *Maize Improvement Program Annual Report 1985*. Ibadan: IITA. 100 pp.
- 107 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1987a). *IITA Maize Research Program Annual Report 1986*. Ibadan: IITA. 153 pp.
- 108 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1987b). Research achievement on maize streak virus wins King Baudouin Award. pp. 18-22. In *IITA Annual Report and Research Highlights 1986*. Ibadan: IITA. 154 pp.
- 109 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1987c). Maize streak virus screening methodologies for the mid-altitude ecology. pp. 67-68. In *IITA Annual Report and Research Highlights 1986*. Ibadan: IITA. 154 pp.
- 110 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1987d). Biological control of aphids in leafhopper rearing cages. pp. 69-70. In *IITA Annual Report and Research Highlights 1986*. Ibadan: IITA. 154 pp.
- 111 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1989a). Maize Research Program. pp. 91-94. In *IITA Annual Report and Research Highlights 1987-88*. Ibadan: IITA. 161 pp.
- 112 INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE (1989b). Mass rearing leafhoppers for maize streak resistance: differences in zones and species. pp. 99-100. In *IITA Annual Report and Research Highlights 1987-88*. Ibadan: IITA. 161 pp.
- 113 JACKSON, A.O., MILBRATH, G.M. and JEDLINSKI, H. (1981). Rhabdovirus diseases of the Gramineae. pp. 51-76. In *Virus and viruslike diseases of maize in the United States*. Gordon, D.T., Knoke, J.K. and Scott, G.E. (eds). Wooster: Ohio Agricultural Research and Development Center. 210 pp.
- 114 JOHNSTON, L.M. (1983). The status of maize virus diseases in Zimbabwe. pp. 155-157. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 115 KIMURA, M., SEVEUS, L. and MARAMOROSCH, K. (1975). Ferritin in insect vectors of the maize streak disease agent: electron microscopy and electron micro-probe analysis. *Journal of Ultrastructure Research*, 53: 366-373.
- 116 KITCHING, R.L., GRYLLS, N.E. and WATERFORD, C. (1973). The identity of the Australian species of *Cicadulina* China (Homoptera: Cicadellidae). *Journal of the Australian Entomological Society*, 12: 139-143.
- 117 KRANZ, J. (1977). Diseases caused by viruses and viroids. pp. 3-42. In *Diseases, pests and weeds in tropical crops*. Kranz, J., Schmitterer, H. and Koch, W. (eds). Berlin and Hamburg: Verlag Paul Parey. 666 pp.
- 118 KULKARNI, H.Y. (1973). Comparison and characterization of maize stripe and maize line viruses. *Annals of Applied Biology*, 75: 205-216.
- 119 KULKARNI, S., HEDGE, R.K. and BASAVARAJIAH, A.B. (1980). Occurrence of wheat streak in Karnataka. *Current Research*, 9: 135.
- 120 LEUSCHNER, K., BUDDENHAGEN, I.W. and SINGH, J. (1980). Screening for resistance to maize streak virus: an improved method of field infestation. *IITA Research Briefs*, 1: 4-6.
- 121 MALI, V.R., VYANJANE, N.T. and EKBOTE, A.U. (1978). Studies on a streak disease of wheat in Maharashtra. *Journal of Maharashtra Agricultural University*, 3: 76-77.
- 122 MALITHANO, A.D., NIJIMBERE, M. and KAYIBIGI, M. (1987). Breeding maize cultivars resistant to streak virus disease. pp. 90-111. In *Towards*



*Self Sufficiency: Proceedings of the Second Eastern, Central and Southern Africa Regional Maize Workshop. Harare, Zimbabwe, 15-21 March 1987.* Gelaw, B. (ed.). Harare: CIMMYT. 376 pp.

- 123 MARAMOROSCH, K. (1963). Arthropod transmission of plant viruses. *Annual Review of Entomology*, 8: 369-414.
- 124 MARAMOROSCH, K., CALICA, C.A., AGATI, J.A. and PABLEO, G. (1961). Further studies on the maize and rice leaf galls induced by *Cicadulina bipunctella*. *Entomologia Experimentalis et Applicata*, 4: 86-89.
- 125 MARANDU, W.Y.F. (1987). Visit to CIMMYT/IITA Mid-altitude Maize Research Station, Harare. pp. 178-179. In *Towards Self Sufficiency: Proceedings of the Second Eastern, Central and Southern Africa Regional Maize Workshop. Harare, Zimbabwe, 15-21 March 1987.* Gelaw, B. (ed.). Harare: CIMMYT. 376 pp.
- 126 MARCHAND, J.L. and HAINZELIN, E. (1986). The Reunion Island maize breeding program. pp. 80-85. In *To Feed Ourselves: Proceedings of the First Eastern, Central and Southern Africa Regional Maize Workshop.* Gelaw, B. (ed.). Mexico: CIMMYT. 307 pp.
- 127 MARKHAM, P.G. and PINNER, M.S. (1983). Leafhopper-spiroplasma interrelationships. pp. 76-77. In *John Innes Institute Seventy-second Report for the two years 1981-1982.* Norwich: John Innes Institute. 195 pp.
- 128 MARKHAM, P.G., PINNER, M.S. and BOULTON, M.I. (1984a). *Dalbulus maidis* and *Cicadulina* species as vectors of disease in maize. *Maize Virus Diseases Newsletter*, 1: 33-34.
- 129 MARKHAM, P.G., PINNER, M.S. and BOULTON, M.I. (1984b). The transmission of streak virus by leafhoppers, a new look at host adaptation. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 57: 431-432.
- 130 MATSUMURA, S. (1908). Neue Cicadinen aus Europa und Mittelmeergebiet. [New Cicadinea from Europe and the Mediterranean]. *Journal of the College of Science, Imperial University of Tokyo*, 23: 1-46.
- 131 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1973). Streak and stripe. p. 69. In *Mauritius Sugar Industry Research Institute Annual Report 1972.* Reduit: MSIRI. 71 pp.
- 132 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1974). Streak disease (virus). p. 58. In *Mauritius Sugar Industry Research Institute Annual Report 1973.* Reduit: MSIRI. 69 pp.
- 133 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1975a). Leafhoppers (*Cicadulina* spp.) and streak disease (virus). pp. 63-64. In *Mauritius Sugar Industry Research Institute Annual Report 1974.* Reduit: MSIRI. 76 pp.
- 134 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1975b). Streak. p. 46. In *Mauritius Sugar Industry Research Institute Annual Report 1974.* Reduit: MSIRI. 76 pp.
- 135 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1976). Streak. p. 56. In *Mauritius Sugar Industry Research Institute Annual Report 1975.* Reduit: MSIRI. 68 pp.
- 136 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1977). Streak. pp. 68-69. In *Mauritius Sugar Industry Research Institute Annual Report 1976.* Reduit: MSIRI. 84 pp.
- 137 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1978). Sugar cane diseases. p. 38. In *Mauritius Sugar Industry Research Institute Annual Report 1977.* Reduit: MSIRI. 78 pp.

- 138 MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (1981). Maize Streak virus: maize pathogens in Rodrigues. p. 54. In *Mauritius Sugar Industry Research Institute Annual Report 1980*. Reduit: MSIRI. 76 pp.
- 139 McCLEAN, A.P.D. (1934). Streak disease of sugar cane. pp. 73-76. In *South African Sugar Technologists Association Proceedings of the Seventh Annual Congress held in Durban on 28-30 March 1933*. South Africa: South African Sugar Technologists Association. 118 pp.
- 140 MELICHAR, L. (1904). Neue Homopteran aus Sud-Schoa, Galla und den Somali-Landern. [New Homoptera from South Schoa, Galla and Somaliland]. *Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien*, 54: 25-48.
- 141 MOUSTAFA, M.A., SALEM, M.M., BADR, M.A., RADWAN, H.S.A. and ASSAL, O.M. (1985). Field evaluation of various synthetic chemical attractants in luring homopterous insects. *Bulletin of the Entomological Society of Egypt*, 64: 173-181.
- 142 MUCHENA, P., TANYONGANA, R. and MGUNI, C. (1987). Pest and disease control in maize and the role of the Plant Protection Research Institute, Zimbabwe. pp. 347-357. In *Towards Self Sufficiency: Proceedings of the Second Eastern, Central and Southern Africa Maize Workshop. Harare, Zimbabwe, 15-21 March 1987*. Gelaw, B. (ed.). Harare: CIMMYT. 376 pp.
- 143 MZIRA, C.N. (1984a). Assessment of effects of maize streak virus on yield of maize *Zea mays*. *Zimbabwe Journal of Agricultural Research*, 22: 141-149.
- 144 MZIRA, C.N. (1984b). Maize streak. *Zimbabwe Agricultural Journal*, 81: 187.
- 145 MZIRA, C.N. (1984c). Cultural control of maize streak virus in wheat by spacing and time of planting. *Zimbabwe Agricultural Journal*, 81: 189-191.
- 146 NAGAICH, B.B. and SINHA, R.C. (1974). Eastern wheat striate: a new viral disease. *Plant Disease Reporter*, 58: 968-970.
- 147 NAGARAJU, S.V., REDDY, H.R. and CHANNAMMA, K.A.L. (1982). Ragi streak: a leafhopper transmitted virus disease in Karnataka. *Mysore Journal of Agricultural Sciences*, 16: 301-305.
- 148 NAGARAJU, S.V. and VISWANATH, S. (1981). Studies on the relationship of ragi streak virus and its vector *Cicadulina chinai*. *Indian Phytopathology*, 34: 458-460.
- 149 NAGPAL, G.K., UPADHYAYA, Y.M. and SETH, M.L. (1977). Occurrence of streak disease of wheat in Madhya Pradesh. *Indian Journal of Mycology and Plant Protection*, 6: 184.
- 150 NATIONAL CEREALS RESEARCH INSTITUTE (1977). Maize Programme. pp. 19-20. In *National Cereals Research Institute Annual Report 1976-77*. Ibadan: National Cereals Research Institute. 47 pp.
- 151 NATIONAL CEREALS RESEARCH INSTITUTE (1978). A survey of the insect pests attacking maize. p. 25. In *National Cereals Research Institute Annual Report 1977-78*. Ibadan: National Cereals Research Institute. 69 pp.
- 152 NATIONAL CEREALS RESEARCH INSTITUTE (1979a). Maize Programme. pp. 31-32. In *National Cereals Research Institute Annual Report 1978-79*. Ibadan: National Cereals Research Institute. 79 pp.
- 153 NATIONAL CEREALS RESEARCH INSTITUTE (1979b). Maize streak virus disease. p. 38. In *National Cereals Research Institute Annual Report 1979*. Ibadan: National Cereals Research Institute. 77 pp.
- 154 NATIONAL CEREALS RESEARCH INSTITUTE (1980). Maize Improvement Programme. p. 43. In *National Cereals Research Institute Annual Report 1980*. Ibadan: National Cereals Research Institute. 110 pp.

- 155 NAUDE, T.J. (1924). A new jassid. *South African Journal of Natural History*, 4: 307.
- 156 NAUDE, T.J. (1926). Cicadellidae of South Africa: a taxonomic and faunistic study. *Union of South Africa Department of Agriculture Entomology Memoirs*, No. 4. Pretoria: Division of Entomology. 106 pp.
- 157 NAULT, L.R. and MADDEN, L.V. (1988). Phylogenetic relatedness of maize chlorotic dwarf virus leafhopper vectors. *Phytopathology*, 78: 1683-1687.
- 158 NICHOLS, R.F.W., STOREY, H.H. and RYLAND, A.K. (1950). Section of Plant Pathology. pp. 13-19. In *East African Agriculture and Forestry Research Organization Annual Report 1949*. Kenya: East African High Commission. 44 pp.
- 159 NIELSON, M.W. (1968). The leafhopper vectors of phytopathogenic viruses (Homoptera: Cicadellidae) taxonomy, biology and virus transmission. *USDA Technical Bulletin*, No. 1382. Washington: USDA. 368 pp.
- 160 NIELSON, M.W. (1979). Taxonomic relationships of leafhopper vectors of plant pathogens. pp. 3-27. In *Leafhopper vectors and plant disease agents*. Maramorosch, K. and Harris, K.F. (eds). Academic Press. 654 pp.
- 161 NUNES, E., SOUSA, D. and SATARIC, I. (1986). Research on the constraints to maize production in Mozambique. pp. 67-79. In *To Feed Ourselves: Proceedings of the First Eastern, Central and Southern Africa Regional Maize Workshop*. Gelaw, B. (ed.). Mexico: CIMMYT. 307 pp.
- 162 NYVALL, R.F. (ed.) (1979a). Maize streak disease. pp. 84. In *Field Crop Diseases Handbook*. Connecticut: AVI Publishing Co. 436 pp.
- 163 NYVALL, R.F. (ed.) (1979b). Streak disease. pp. 337-338. In *Field Crop Diseases Handbook*. Connecticut: AVI Publishing Co. 436 pp.
- 164 OKOTH, V.A.O. and DABROWSKI, Z.T. (1987). Population density, species composition and infectivity with maize streak virus (MSV) of *Cicadulina* subspecies leafhoppers in some ecological zones in Nigeria. *Acta Oecologica Oecologia Applicata*, 8: 191-200.
- 165 OKOTH, V.A.O., DABROWSKI, Z.T., THOTTAPPILLY, G. and VAN EMDEN, H.F. (1987). Comparative analysis of some parameters affecting maize streak virus (MSV) transmission of various *Cicadulina* spp. populations. *Insect Science and its Application*, 8: 295-300.
- 166 OKOTH, V.A.O., DABROWSKI, Z.T. and VAN EMDEN, H.F. (1987). Comparative biology of some *Cicadulina* species and populations from various climatic zones in Nigeria (Hemiptera: Cicadellidae). *Bulletin of Entomological Research*, 77: 1-8.
- 167 PINNER, M.S., MARKHAM, P.G., MARKHAM, R.H. and DEKKER, E.L. (1988). Characterization of maize streak virus: description of strains; symptoms. *Plant Pathology*, 37: 74-87.
- 168 RAJAGOPAL, D. and CHANNABASAVANNA, G.P. (1975). Insect pests of maize in Karnataka. *Mysore Journal of Agricultural Sciences*, 9: 110-121.
- 169 RAJAGOPAL, D. and CHANNABASAVANNA, G.P. (1977). Preliminary studies on the chemical control of maize insects. *Mysore Journal of Agricultural Sciences*, 11: 73-76.
- 170 RAO, K.N. (1981). *Control of maize diseases in Zambia. Reports on the resistance screening for cob rots, maize streak virus and leaf diseases, June 1980 - May 1981*. Zambia: Mount Makulu Research Station. 56 pp.
- 171 RAO, K.N. and RISTANOVIC, L.D. (1986). The maize pathology program in Zambia. pp. 259-264. In *To Feed Ourselves: Proceedings of the First Eastern, Central and Southern Africa Regional Maize Workshop*. Gelaw, B. (ed.). Mexico: CIMMYT. 307 pp.

- 172 RASAIHAH, R. (1986a). Maize streak virus resistance studies. pp. 124-126. In *Kenya Agricultural Research Institute Agricultural Research Department, Record of Research, Annual Report 1981*. 129 pp.
- 173 RASAIHAH, R. (1986b). Maize streak virus resistance studies. pp. 105-106. In *Kenya Agricultural Research Institute Agricultural Research Department, Record of Research, Annual Report 1982*. 169 pp.
- 174 RAYCHAUDHURI, S.P., SETH, M.L., RENFRO, B.L. and VARMA, A. (1976). Principal maize virus diseases in India. pp. 69-76. In *Proceedings, International Maize Virus Disease Colloquium and Workshop*. Williams, L.E., Gordon, D.T. and Nault, L.R. (eds). Wooster: Ohio Agricultural Research and Development Center. 145 pp.
- 175 REDDY, H.R. (1975). Miniplant tubes for studies on virus transmission with leafhopper vectors. *Current Science*, 44: 593.
- 176 REYNAUD, B. (1988). Transmission des viroses a stries du maïs. [The transmission of maize streak viruses]. pp. 63-69. In *IRAT-Reunion Rapport Annuel 1987*. [IRAT-Reunion Annual Report 1987]. St. Denis: IRAT.
- 177 REYNAUD, B., GUINET, I. and MARCHAND, J.L. (1987). IRAT/CIRAD maize breeding program for virus resistance. pp. 112-136. In *Towards Self Sufficiency: Proceedings of the Second Eastern, Central and Southern Africa Regional Maize Workshop, Harare, Zimbabwe, 15-21 March 1987*. Gelaw, B. (ed.). Harare: CIMMYT. 376 pp.
- 178 RHODESIA MINISTRY OF AGRICULTURE (1971). Pests of wheat. pp. 18-20. In *Technical Bulletin*, No. 12. Rhodesia (Zimbabwe): Rhodesia Ministry of Agriculture.
- 179 RICAUD, C. and FELIX, S. (1976). Identification et importance relative des viroses du maïs a l'île Maurice. [Identification and relative importance of virus diseases of maize in Mauritius]. *Revue Agricole et Sucrière de l'île Maurice*, 55: 163-169.
- 180 RICAUD, C. and FELIX, S. (1979). Identification and relative importance of virus diseases of maize in Mauritius. pp. 105-109, 121. In *Technical Communication*, No. 142. Gevers, H.O. (ed.). South Africa: Department of Agriculture Technical Services. 122 pp.
- 181 ROSE, D.J.W. (1962). Insect vectors of maize streak. *Zoological Society of Southern Africa News Bulletin*, 3: 11.
- 182 ROSE, D.J.W. (1972). Times and sizes of dispersal flights by *Cicadulina* species (Homoptera: Cicadellidae), vectors of maize streak disease. *Journal of Animal Ecology*, 41: 495-506.
- 183 ROSE, D.J.W. (1973a). Dispersal and quality in populations of *Cicadulina* species (Cicadellidae). *Journal of Animal Ecology*, 41: 589-609.
- 184 ROSE, D.J.W. (1973b). Laboratory observations on the biology of *Cicadulina* ssp. (Homoptera: Cicadellidae), with particular reference to the effects of temperature. *Bulletin of Entomological Research*, 62: 471-476.
- 185 ROSE, D.J.W. (1973c). Field studies in Rhodesia on *Cicadulina* ssp. (Homoptera: Cicadellidae), vectors of maize streak disease. *Bulletin of Entomological Research*, 62: 477-495.
- 186 ROSE, D.J.W. (1973d). Distances flown by *Cicadulina* spp. (Homoptera: Cicadellidae) in relation to distribution of maize streak disease in Rhodesia. *Bulletin of Entomological Research*, 62: 497-505.
- 187 ROSE, D.J.W. (1973e). Management of *Cicadulina* leafhopper populations to reduce streak disease in maize crops in the highveld in Rhodesia. *Rhodesia Agricultural Journal*, 70; 63-64.
- 188 ROSE, D.J.W. (1974). The epidemiology of maize streak disease in relation to population densities of *Cicadulina* ssp. *Annals of Applied Biology*, 76: 199-207.



- 189 ROSE, D.J.W. (1977). Pests in tropical crops. *Cicadulina* spp. pp. 306-307. In *Diseases, pests and weeds in tropical crops*. Kranz, J., Schmutterer, H. and Koch, W. (eds). Berlin and Hamburg: Verlag Paul Parey. 666 pp.
- 190 ROSE, D.J.W. (1978). Epidemiology of maize streak disease. *Annual Review of Entomology*, 23: 259-282.
- 191 ROSE, D.J.W. (1983). The distribution of various species of *Cicadulina* in different African countries, frequency of their attack and impact on crop production. pp. 297-304. In *Proceedings of the 1st International Workshop on Biotaxonomy, Classification, and Biology of Leafhoppers and Planthoppers (Auchenorrhyncha) of Economic Importance, London, 4-7 October 1982*. Knight, W.J., Pant, N.C., Robertson, T.S. and Wilson, M.R. (eds). London: Commonwealth Institute of Entomology. 500 pp.
- 192 ROSE, D.J.W. (1987). The effect of dispersal behaviour of *Cicadulina* species on the epidemiology of maize streak disease. In *Seminaire sur les Maladies et Ravageurs des Principales Cultures Vivrieres d'Afrique Centrale, Bujumbura, 16-20 Fevrier 1987*. [Seminar on the the diseases and pests of food crops of Central Africa, Bujumbura, 16-20 February, 1987]. 4 pp.
- 193 ROSSEL, H.W. (1984). On geographical distribution and control of maize mottle/chlorotic stunt in Africa. *Maize Virus Diseases Newsletter*, 1: 17-20.
- 194 ROSSEL, H.W. and FERGUSON, J.M. (1980). Storey's maize mottle virus rediscovered? *IITA Research Briefs*, 1: 2-4.
- 195 ROSSEL, H.W., NABUKENYA, R., THOTTAPPILLY, G. and ZABRE M'BI, B. (1984). Virology. pp. 42-43. In *IITA Annual Report 1983*. Ibadan: IITA. 218 pp.
- 196 ROSSEL, H.W. and THOTTAPPILLY, G. (1983). Maize chlorotic stunt in Africa: a manifestation of maize mottle virus? pp. 158-160. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 197 ROSSEL, H.W. and THOTTAPPILLY, G. (1985a). Virology. pp. 52-54. In *IITA Annual Report 1984*. Ibadan: IITA. 238 pp.
- 198 ROSSEL, H.W. and THOTTAPPILLY, G. (1985b). *Virus diseases of important food crops in tropical Africa*. Ibadan: IITA. 61 pp.
- 199 ROSSEL, H.W., THOTTAPPILLY, G., GAIKWARD, D.G., DEJAGER, C.P. and FAJEMISIN, J. (1987). *IITA Virology Unit Annual Report 1986*. Ibadan: IITA. 16 pp.
- 200 ROTHWELL, A. (1979). Maize streak virus (MSV). *Zimbabwe Rhodesia Agricultural Journal*, 76: 159.
- 201 RUPPEL, R.F. (1965). A review of the genus *Cicadulina* (Hemiptera: Cicadellidae). *Michigan State University Biological Series; Publication of the Museum*, No. 2: 387-429.
- 202 RUPPEL, R.F. (1969). *Cicadulina bipunctella* and *C. chinai* from India (Hemiptera: Cicadellidae). *Journal of the Kansas Entomological Society*, 42: 257-260.
- 203 RYBICKI, E.P. (1988). Maize streak virus: an african pathogen come home. *South African Journal of Science*, 84: 30-32.
- 204 SACHAN, J.N. (1982). Evaluation of incidence of insect pests on hybrid napier strains under different dosages of fertilizers. *Annals of Arid Zone*, 19: 82-91.
- 205 SETH, M.L., RAYCHAUDHURI, S.P. and SINGH, D.V. (1971). A streak disease of bajra (*Pennisetum typhoides* (Burm. f.) Stapf and Hubb.) in India. *Current Science*, 10: 272-273.

- 206 SETH, M.L., RAYCHAUDHURI, S.P. and SINGH, D.V. (1972a). Bajra (pearlmillet) streak: a leafhopper-borne cereal virus in India. *Plant Disease Reporter*, 56: 424-428.
- 207 SETH, M.L., RAYCHAUDHURI, S.P. and SINGH, D.V. (1972b). Occurrence of maize streak virus on wheat in India. *Current Science*, 41: 684.
- 208 SETH, M.L. and SINGH, S. (1976). Maize streak in India. *Indian Phytopathology*, 28: 144-145.
- 209 SHARMA, R.C. and PAYAK, M.M. (1983). An overview of virus and viruslike diseases of maize in India. pp. 186-190. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 210 SINHA, R.C. (1973). Viruses and leafhoppers. pp. 494-511. In *Viruses and invertebrates*. Gibbs, A.J. (ed.). Amsterdam and London: North-Holland Publishing Co. 673 pp.
- 211 SITHOLE, S.Z. (1989). Maize insect pests in Zimbabwe. pp. 286-288. In *Toward Insect Resistant Maize for the Third World: Proceedings of the International Symposium on Methodologies for Developing Host Plant Resistance to Maize Insects, CIMMYT, Mexico, 9-14 March 1987*. Mexico: CIMMYT. 327 pp.
- 212 SOTO, P.E. (1978). A new vector of maize streak virus. *East African Agricultural and Forestry Journal*, 44: 70-71.
- 213 SOTO, P.E., BUDDENHAGEN, I.W. and ASNANI, V.L. (1982). Development of streak virus resistant maize populations through improved challenge and selection methods. *Annals of Applied Biology*, 100: 539-546.
- 214 SRIVASTAVA, R.P. and BISARIA, A. (1982). Life history of *Cicadulina* sp. (Homoptera: Cicadellidae) and comparative susceptibility of rice varieties to its attack. *Indian Veterinary Medical Journal*, 5: 46.
- 215 STANLEY, J., TOWNSEND, R., CURSON, S.J., SHORT, M.N., DAVIES, J.W., BOULTON, M.I., CHAMBERLIN, L., DONSON, J., MARKHAM, P.G., MORRIS-KRSINICH, B.A.M., MULLINEAUX, P.M., PINNER, M.S. and PLASKITT, K. (1985). The Geminiviruses. pp. 159-169. In *John Innes Institute Seventy-third Report for the two years 1983-84*. Norwich: John Innes Institute. 234 pp.
- 216 STOREY, H.H. (1924). The transmission of a new plant virus disease by insects. *Nature*, 114: 245.
- 217 STOREY, H.H. (1925a). Streak disease of sugar-cane. *South Africa Department of Agriculture Science Bulletin*, No. 39.
- 218 STOREY, H.H. (1925b). The transmission of streak disease of maize by the leafhopper *Balclutha mbila* Naude. *Annals of Applied Biology*, 12: 422-439.
- 219 STOREY, H.H. (1926a). Interspecific cross-transmission of plant virus diseases. *South African Journal of Science*, 23: 305-306.
- 220 STOREY, H.H. (1926b). Recent researches on plant virus diseases. *South African Journal of Science*, 23: 307.
- 221 STOREY, H.H. (1928). Transmission studies of maize streak disease. *Annals of Applied Biology*, 15: 1-25.
- 222 STOREY, H.H. (1930a). Plant Pathology. p. 15. In *East African Agricultural Research Station, Amani, First Annual Report 1928-29*. London: HMSO. 20 pp.
- 223 STOREY, H.H. (1930b). Virus diseases of plants. pp. 13-15. In *East African Agricultural Research Station, Amani, Second Annual Report 1929-30*. London: HMSO. 36 pp.

- 224 STOREY, H.H. (1931). The inheritance by a leafhopper of the ability to transmit a plant virus. *Nature*, 127: 928.
- 225 STOREY, H.H. (1932a). Report of the Plant Pathologist. pp. 13-15. In *East African Agricultural Research Station, Amani, Third Annual Report 1930-31*. London: HMSO. 35 pp.
- 226 STOREY, H.H. (1932b). The filtration of the virus of streak disease of maize. *Annals of Applied Biology*, 19: 1-5.
- 227 STOREY, H.H. (1932c). The inheritance by an insect vector of the ability to transmit a plant virus. *Proceedings of the Royal Society of London (Series B)*, 112: 46-60.
- 228 STOREY, H.H. (1933a). Investigations of the mechanism of the transmission of plant viruses by insect vectors. *Proceedings of the Royal Society of London (Series B)*, 113: 463-485.
- 229 STOREY, H.H. (1933b). Report of the Plant Pathologist. pp. 13-17. In *East African Agricultural Research Station, Amani, Fifth Annual Report 1932-33*. London: HMSO. 47 pp.
- 230 STOREY, H.H. (1934a). Virus diseases of plants. pp. 10-14. In *East African Agricultural Research Station, Amani, Sixth Annual Report 1933-34*. London: HMSO. 48 pp.
- 231 STOREY, H.H. (1934b). Studies on the mechanism of the transmission of plant viruses by insects. *Archiv fur Experimentelle Zellforschung Besonders Gewebezuchtung*, 15: 457-458.
- 232 STOREY, H.H. (1934c). The photodynamic action of methylene blue on the virus of a plant disease. *Annals of Applied Biology*, 21: 588-589.
- 233 STOREY, H.H. (1935). Virus diseases of plants. pp. 12-16. In *East African Agricultural Research Station, Amani, Seventh Annual Report 1934-35*. London: HMSO. 47 pp.
- 234 STOREY, H.H. (1936a). Virus diseases of plants. pp. 11-14. In *East African Agricultural Research Station, Amani, Eighth Annual Report 1935-36*. London: HMSO. 41 pp.
- 235 STOREY, H.H. (1936b). Virus diseases of East African plants. IV. A survey of the viruses attacking the Gramineae. *East African Agricultural Journal*, 1: 333-337.
- 236 STOREY, H.H. (1936c). Virus diseases of East African plants. V. Streak disease of maize. *East African Agricultural Journal*, 1: 471-475.
- 237 STOREY, H.H. (1937a). A new virus of maize transmitted by *Cicadulina* spp. *Annals of Applied Biology*, 24: 87-94.
- 238 STOREY, H.H. (1937b). Report of the Plant Pathologist. pp. 17-19. In *East African Agricultural Research Station, Amani, Ninth Annual Report 1936-37*. London: HMSO. 47 pp.
- 239 STOREY, H.H. (1938a). Investigations of the mechanism of the transmission of plant viruses by insect vectors. II. The part played by puncture in transmission. *Proceedings of the Royal Society of London (Series B)*, 125: 455-477.
- 240 STOREY, H.H. (1938b). Plant Pathology. pp. 9-13. In *East African Agricultural Research Station, Amani, Tenth Annual Report 1 April 1937-31 December 1937*. London: HMSO. 40 pp.
- 241 STOREY, H.H. (1939a). Investigations of the mechanism of the transmission of plant viruses by insect vectors. III. The insect's saliva. *Proceedings of the Royal Society of London (Series B)*, 127: 526-543.
- 242 STOREY, H.H. (1939b). Plant Pathology. pp. 13-19. In *East African Agricultural Research Station, Amani, Annual Report 1938*. London: HMSO. 56 pp.

- 243 STOREY, H.H. (1939c). Transmission of plant viruses by insects. *Botanical Review*, 5: 240-272.
- 244 STOREY, H.H. (1948). Plant diseases. pp. 15-18. In *Basic research in agriculture: a brief history of research at Amani 1928-1947*. East Africa High Commission. 24 pp.
- 245 STOREY, H.H. (1961). Vector relationships of plant viruses. *East African Medical Journal*, 38: 215-220.
- 246 STOREY, H.H. and HOWLAND, A.K. (1960). Genetics of resistance in maize to the virus of streak disease. pp. 40-43. In *East African Agriculture and Forestry Research Organization Annual Report 1959, Record of Research for the period 1 January to 31 December 1959*. Kenya: East African High Commission. 91 pp.
- 247 STOREY, H.H. and HOWLAND, A.K. (1961). Resistance in maize to the virus of streak disease. pp. 49-52. In *East African Agriculture and Forestry Research Organization Annual Report 1960, Record of Research for the period 1 January to 31 December 1960*. Kenya: East African High Commission. 104 pp.
- 248 STOREY, H.H., HOWLAND, A.K., KURIA, G. and KARANJA, H. (1964). Plant improvement and protection. pp. 50-57. In *East African Agriculture and Forestry Research Organization Annual Report 1963, Record of Research for the period 1 January to 31 December 1963*. Kenya: East African High Commission. 107 pp.
- 249 STOREY, H.H. and McCLEAN, A.P.D. (1930). The transmission of streak disease between maize, sugar cane and wild grasses. *Annals of Applied Biology*, 17: 691-719.
- 250 THEURI, J.M. and NJUGUNA, J.G.M. (1988). Maize streak worries farmers in the Kenya highlands. *Kenya Farmer*, 4: 26, 33.
- 251 THRESH, J.M. (1983). The long range dispersal of plant viruses by arthropod vectors. pp. 59-90. In *The Aerial Transmission of Disease: Proceedings of a Royal Society Discussion Meeting held on 1-2 February 1983*. Brooksby, J.B. (ed.). London: The Royal Society. 166 pp.
- 252 THRESH, J.M. (1986a). Plant virus disease forecasting. pp. 359-386. In *Plant virus epidemics: monitoring, modelling and predicting outbreaks*. McLean, G.D., Garrett, R.G. and Ruesink, W.G. (eds). Academic Press. 550 pp.
- 253 THRESH, J.M. (1986b). Plant virus dispersal. pp. 51-101. In *The movement and dispersal of agriculturally important biotic agents*. Mackenzie, D.R., Barfield, C.S., Kennedy, G.G., Berger, R.D. and Taranto, D.J. (eds). Baton Rouge: Claitor's Publishing Division. 611 pp.
- 254 VAN DER WATT, J.J. (1979). Infection techniques. pp. 103, 121. In *Technical Communication*, No. 142. Gevers, H.O. (ed.). South Africa: Department of Agriculture Technical Services. 122 pp.
- 255 VAN RENSBURG, G.D.J. (1979a). The ecology and culture of leafhoppers (*Cicadulina* spp.). pp. 100-103, 120-121. In *Technical Communication*, No. 142. Gevers, H.O. (ed.). South Africa: Department of Agriculture Technical Services. 122 pp.
- 256 VAN RENSBURG, G.D.J. (1979b). Maize streak disease: a new infection technique for use under field conditions. pp. 80-84. In *Technical Communication*, No. 152. Du Plessis, J.G. (ed.). South Africa: Department of Agriculture Technical Services. 113 pp.
- 257 VAN RENSBURG, G.D.J. (1983a). Laboratory observations on the biology of *Cicadulina mbila* (Homoptera: Cicadellidae). A vector of maize streak disease. 1. The effect of temperature. *Phytophylactica*, 14: 99-108.

- 258 VAN RENSBURG, G.D.J. (1983b). Laboratory observations on the biology of *Cicadulina mbila* (Homoptera: Cicadellidae). A vector of maize streak disease. 2. The effect of selected host plants. *Phytophylactica*, 14: 109-112.
- 259 VAN RENSBURG, G.D.J. (1983c). Southern African species of the genus *Cicadulina* (Homoptera: Cicadellidae) with descriptions of new species. *South African Department of Agriculture and Fisheries, Entomology Memorandum*, 57: 1-22.
- 260 VAN RENSBURG, G.D.J. and GILIOME, J.H. (1989). Comparative efficacy of pre- and post-emergence application of insecticides for simultaneous control of the maize leafhopper, *Cicadulina mbila*, and the stalk borers, *Busseola fusca* and *Chilo partellus*, on maize. *Phytophylactica*, 21: 399-402.
- 261 VAN RENSBURG, G.D.J. and WALTERS, M.C. (1977). A method for the long-distance transport of *Cicadulina mbila* (Naude) (Homoptera: Cicadellidae), a vector of maize streak virus. *Phytophylactica*, 9: 115-116.
- 262 VAN RENSBURG, J.B.J. (1988). Efficacy of cloethocarb for control of *Busseola fusca*, *Cicadulina* ssp. and nematodes in maize. *Applied Plant Science*, 2: 63-67.
- 263 VAN RENSBURG, J.B.J. and WALTERS, M.C. (1978). The efficacy of systemic insecticides applied to the soil for the control of *Cicadulina mbila* (Naude) (Homoptera: Cicadellidae), the vector of maize streak disease, and the maize stalk borer *Busseola fusca* (Fuller) (Lepidoptera: Noctuidae). *Phytophylactica*, 10: 49-52.
- 264 VILBASTE, J. (1976). A revision of Homoptera-Cicadinea described by S. Matsumura from Europe and the Mediterranean area. I. Cicadellidae. *Eesti NSV Teaduste Akadeemia Toimetised Bioloogia*, 25: 25-36.
- 265 VON WECHMAR, M.B. and MILNE, R.G. (1983). Purification and serology of a South African isolate of maize streak virus. pp. 161-163. In *International Maize Virus Colloquium and Workshop, Wooster, Ohio, 2-6 August 1982*. Wooster: Ohio Agricultural Research and Development Center. 261 pp.
- 266 WEBB, M.D. (1987a). Distribution and male genetical variation in *Cicadulina bipunctata* and *C. bimaculata*. (Homoptera: Cicadellidae). pp. 235-240. In *Proceedings of 2nd International Workshop on Leafhoppers and Planthoppers of Economic Importance, Brigham Young University, Provo, Utah, USA, 28 July-1 August 1986*. Wilson, M.R. and Nault, L.R. (eds). London: Commonwealth Institute of Entomology. 368 pp.
- 267 WEBB, M.D. (1987b). Species recognition in *Cicadulina* leafhoppers (Homoptera: Cicadellidae), vectors of pathogens of Gramineae. *Bulletin of Entomological Research*, 77: 683-712.
- 268 ZAKHVATKIN, A.A. (1935). Note on the Homoptera-Cicadina of Yemen. [In Russian]. *Unchenye Zapiski Moskovskogo Gosudarstvennogo Universiteta*, 4: 106-115.
- 269 ZAKHVATKIN, A.A. (1946). Notes on some Homoptera from Yemen. *Transactions of the Royal Entomological Society of London*, 96: 151-162.

Section 2

# Geographical index

Reference number, authors and date	Comments	<i>Cicadulina</i> species
<b>Non-country-specific</b>		
15 Bajet and Renfro (1989)	Reasons for favouring resistance-to vectors as a control strategy	<i>C. arachidis</i> <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> ) <i>C. storeyi</i>
32 Commonwealth Institute of Entomology (1986)	Distribution map of <i>C. mbila</i>	<i>C. mbila</i>
34 Conti (1981)	Refers to importance of wild hosts in maize streak epidemiology	
115 Kimura <i>et al.</i> (1975)	Ferritin detected in <i>C. mbila</i>	<i>C. mbila</i>
<b>Taxonomy and morphology</b>		
67 Evans (1947)	Classification of Jassoidea	Cicadelloidea (= Jassoidea) <i>C. bipunctata</i> (= <i>zeae</i> )
79 Ghauri (1971)	<i>C. niger</i> Ghauri is described as a new species from Kenya; <i>C. bipunctella zeae</i> is recorded in Egypt, India and Saudi Arabia; <i>C. chinai</i> is recorded in Egypt and India	<i>C. bipunctata</i> (= <i>bipunctella zeae</i> ) <i>C. chinai</i>
159 Nielson (1968)	Taxonomy of leafhopper vectors. Maize streak vectors are given as <i>C. bipunctella zeae</i> , <i>C. latens</i> , <i>C. mbila</i> , <i>C. parazeae</i> and <i>C. storeyi</i>	<i>C. bipunctata</i> (= <i>bipunctella zeae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
160 Nielson (1979)	Brief taxonomic guide to leafhopper vectors. These are listed as <i>C. bipunctella zae</i> , <i>C. latens</i> , <i>C. mbila</i> , <i>C. parazeae</i> and <i>C. storeyi</i> for maize streak; <i>C. bipunctella zae</i> , <i>C. storeyi</i> and <i>C. mbila</i> for maize mottle; and <i>C. mbila</i> for sugarcane and pearl millet streak	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
201 Ruppel (1965)	Taxonomic review of the genus <i>Cicadulina</i> . <i>C. triangula</i> Ruppel is recorded as a new species	<i>C. arachidis</i> <i>C. bipunctata</i> (= <i>bipunctella bipunctella</i> = <i>bipunctella bipunctata zae</i> ) <i>C. chinai</i> <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
264 Vilbaste (1976)	<i>C. zae</i> China is synonymized with <i>C. bipunctata bipunctata</i> (Melichar)	<i>C. bipunctata</i> (= <i>bipunctata bipunctata zae</i> )
266 Webb (1987a)	Distribution and male genitalic variation in <i>C. bipunctata</i> and <i>C. bimaculata</i>	<i>C. bipunctata</i> <i>C. bimaculata</i>
267 Webb (1987b)	Taxonomic and vector status review includes species key and synonyms. <i>C. triangula</i> Ruppel is a junior synonym to <i>C. storeyi</i> China, and <i>C. bipunctella zae</i> China is a junior synonym to <i>C. bipunctata</i> (Melichar)	<i>C. arachidis</i> <i>C. bipunctata</i> <i>C. chinai</i> <i>C. ghaurii</i> <i>C. latens</i> <i>C. mbila</i> <i>C. niger</i> <i>C. parazeae</i> <i>C. similis</i> <i>C. storeyi</i>
268 Zakhvatkin (1935)	<i>C. zae</i> China is synonymized with <i>C. bipunctella</i> Matsumura	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
269 Zakhvatkin (1946)	<i>C. bipunctella zae</i> China is described as a new species	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
<b>Economic role and damage</b>		
90 Hill (1983)	Damage, pest status, biology, distribution and control	<i>C. mbila</i>



Reference number, authors and date	Comments	<i>Cicadulina</i> species
123 Maramorosch (1963)	Diseases resulting from <i>C. bipunctella zae</i> and <i>C. pastusae</i> infestations are discussed	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>c. pastusae</i>
189 Rose (1977)	Summarizes economic importance of <i>Cicadulina</i> spp. and their control	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
<b>Vector status and virus transmission</b>		
17 Bock (1974)	Description of maize streak virus and transmission, with vectors listed as <i>C. bipunctata bipunctata</i> , <i>C. latens</i> , <i>C. mbila</i> , <i>C. parazeae</i> and <i>C. storeyi</i>	<i>C. bipunctata</i> (= <i>bipunctata bipunctata</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
18 Bock (1982)	Epidemiology of tropical geminiviruses	
19 Bock and Bailey (1989)	Summary of sugarcane streak transmission by <i>Cicadulina</i> , and its control	<i>C. mbila</i>
21 Boulton <i>et al.</i> (1986)	Molecular pathology of maize streak in <i>C. mbila</i> and <i>C. triangula</i>	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
22 Boulton <i>et al.</i> (1983)	Nucleic acid hybridization detection of maize streak in <i>C. mbila</i>	<i>C. mbila</i>
35 Conti (1985)	Maize streak vectors are listed as <i>C. bipunctella zae</i> , <i>C. latens</i> , <i>C. mbila</i> , <i>C. parazeae</i> and <i>C. storeyi</i> . <i>C. mbila</i> is also listed as the vector of pearl millet streak	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
36 Cook (1981)	Brief summary of maize streak. Vectors listed are <i>C. bipunctella zae</i> , <i>C. latens</i> , <i>C. mbila</i> , <i>C. parazeae</i> and <i>C. storeyi</i>	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
54 Damsteegt (1984)	Effect of temperature on <i>C. mbila</i> oviposition, nymphal development, mortality and maize streak incubation	<i>C. mbila</i>
56 Dekker <i>et al.</i> (1986)	Comparison of strains of maize streak and their transmission	

Reference number, authors and date	Comments	<i>Cicadulina</i> species
80 Gordon (1984)	<i>C. triangula</i> is the vector of maize mottle chlorotic stunt; which is now reported from East Africa and Sao Tome. Includes a recommended strategy for resistance breeding against it, and experimental acquisition of corn stunt spiroplasma by <i>Cicadulina</i> spp.	<i>C. storeyi</i> (= <i>triangula</i> )
88 Harris (1983)	Lists vectors of maize streak as <i>C. bipunctella zae</i> , <i>C. latens</i> , <i>C. mbila</i> , <i>C. parazeae</i> and <i>C. storeyi</i> ; and <i>C. mbila</i> as vector of eastern wheat striate	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
91 Hill and Waller (1988)	Importance of maize streak and its vectors	<i>C. mbila</i>
117 Kranz (1977)	Background information on virus diseases of tropical crops, their transmission and control	
127 Markham and Pinner (1983)	<i>C. triangula</i> and <i>C. mbila</i> transmission of corn stunt in the laboratory is compared	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
128 Markham <i>et al.</i> (1984a)	<i>C. mbila</i> , <i>C. triangula</i> and <i>Dalbulus maidis</i> are compared as maize disease vectors	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
129 Markham <i>et al.</i> (1984b)	<i>C. mbila</i> , <i>C. triangula</i> , <i>C. bipunctella zae</i> and <i>C. chinai</i> are compared as vectors of maize streak in the laboratory. <i>C. chinai</i> is not a vector, although both <i>C. chinai</i> and <i>Dalbulus maidis</i> could be made vectors by injection of virus	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. chinai</i> <i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
162 Nyvall (1979a)	Brief summary of maize streak	<i>C. bipunctata</i> (= <i>zae</i> ) <i>C. mbila</i> <i>C. storeyi</i> (= <i>nicholsi</i> )
163 Nyvall (1979b)	Brief summary of sugarcane streak	<i>C. mbila</i>
167 Pinner <i>et al.</i> (1988)	Maize streak strains and symptoms	<i>C. mbila</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
198 Rossel and Thottappilly (1985b)	Distribution, symptoms, characterization, transmission and control of tropical crop viruses; including maize streak and maize mottle chlorotic stunt	<i>C. bipunctata</i> (= <i>zeae</i> ) <i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
210 Sinha (1973)	Refers to maize streak passage through <i>C. mbila</i> , and corresponding transmission factors	<i>C. mbila</i>
215 Stanley <i>et al.</i> (1985)	Maize streak acquisition and transmission to different hosts by <i>C. mbila</i> and <i>C. triangula</i> are compared. <i>C. chinai</i> does not acquire the virus experimentally	<i>C. chinai</i> <i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
253 Thresh (1986b)	Briefly refers to <i>Cicadulina</i> transmission of maize streak	

#### Africa

43 Dabrowski (1987a)	<i>C. gaurii</i> biology, distribution and maize streak transmission	<i>C. gaurii</i>
44 Dabrowski (1987b)	Species composition of <i>Cicadulina</i> from agroecological zones in Nigeria, Togo and Cameroon. <i>C. arachidis</i> , <i>C. gaurii</i> and <i>C. similis</i> are vectors of maize streak	<i>C. arachidis</i> <i>C. gaurii</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
50 Dabrowski <i>et al.</i> (1985)	<i>Cicadulina</i> species abundance, proportion of active transmitters and sex ratio from sampling and trapping in Nigeria and Togo. Development rate and fecundity is compared for different host plants and climatic zones	<i>C. arachidis</i> <i>C. mbila</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
75 Fennah (1959)	<i>C. latens</i> Fennah is described as a new East African species and vector of maize streak	<i>C. latens</i>
76 Ferriere (1930)	Includes report of <i>Anagrus cicadulinae</i> parasitizing eggs of <i>C. mbila</i>	<i>C. mbila</i>
92 Institut de Recherches Agronomiques et des Cultures Vivrieres (1985)	Vectors of maize viruses in Africa and the Mascarene Islands, and chemical control methods	<i>C. mbila</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
103 International Institute of Tropical Agriculture (1985a)	<i>C. triangula</i> is preferred for rearing to <i>C. mbila</i> , <i>C. arachidis</i> and <i>C. similis</i> . Examines the effect of temperature and climatic region on species composition in Nigeria and Togo, and suitable host plants for use in rearing <i>Cicadulina</i>	<i>C. arachidis</i> <i>C. mbila</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
105 International Institute of Tropical Agriculture (1985c)	Same as reference number 103 above	<i>C. arachidis</i> <i>C. mbila</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
111 International Institute of Tropical Agriculture (1989a)	Rearing <i>Cicadulina</i> and maize streak screening in Nigeria and Zimbabwe	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
190 Rose (1978)	Review of epidemiology of maize streak	
191 Rose (1983)	Distribution and economic importance of <i>Cicadulina</i> in Africa. Ecology of <i>C. mbila</i>	<i>C. mbila</i>
192 Rose (1987)	The effect of <i>Cicadulina</i> dispersal on maize streak epidemiology	
193 Rossel (1984)	Distribution and control of maize mottle chlorotic stunt in Africa	<i>C. storeyi</i> (= <i>triangula</i> )
195 Rossel <i>et al.</i> (1984)	Maize streak transmission efficiency of <i>C. triangula</i> . Streak incidence in West Africa, and cross-transmission between graminaceous hosts	<i>C. storeyi</i> (= <i>triangula</i> )
222 Storey (1930a)	<i>C. mbila</i> is recorded in Tanzania, Uganda and Kenya	<i>C. mbila</i>
<b>Burundi</b>		
122 Malithano <i>et al.</i> (1987)	Rearing <i>Cicadulina</i> and maize streak screening	
<b>Cameroon</b>		
31 Cletus (1989)	Includes status of <i>C. mbila</i> in Cameroon	<i>C. mbila</i>
<b>Egypt</b>		
4 Ammar (1975)	Biology of <i>C. chinai</i> Ghauri in Egypt. <i>C. bipunctella zae</i> and <i>C. chinai</i> may have a role in transmitting maize and sugarcane streak	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. chinai</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
5 Ammar (1977)	Biology of <i>C. bipunctella zae</i> China in Egypt	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
6 Ammar (1978)	Morphology of immature stages of <i>C. chinai</i> Ghauri and <i>C. bipunctella zae</i> China	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. chinai</i>
7 Ammar (1983)	Includes sugarcane and maize streak distribution and transmission by <i>C. bipunctella zae</i>	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
8 Ammar <i>et al.</i> (1989)	<i>C. bipunctella zae</i> transmits maize yellow stripe virus	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
9 Ammar <i>et al.</i> (1980)	<i>C. bipunctella zae</i> is the vector of sugarcane streak in Egypt and is expected to be the vector of maize streak	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
10 Ammar <i>et al.</i> (1982)	Same as reference number 9 above	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
11 Ammar <i>et al.</i> (1983)	Light trap and sweep net catches from rice in Egypt revealed <i>C. bipunctella zae</i> to be very abundant	<i>C. bipunctata</i> (= <i>bipunctella zae</i> )
86 Habib <i>et al.</i> (1980)	<i>C. bipunctella zae</i> and <i>C. chinai</i> are reported from Egypt	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. chinai</i>
87 Hamad <i>et al.</i> (1981)	Light trap catches of <i>C. bipunctella zae</i> and <i>C. chinai</i> correlated with climatic conditions for one year	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. chinai</i>
130 Matsumura (1908)	<i>Cicadula bipunctella</i> Matsumura is described as a new species	<i>Cicadulina bipunctata</i> (= <i>Cicadula bipunctella</i> )
141 Moustafa <i>et al.</i> (1985)	A chemical attractant for <i>C. chinai</i> is reported	<i>C. chinai</i>
<b>Ethiopia</b>		
89 Heller and Linnavuori (1968)	<i>Cicadula bipunctella</i> Matsumura is synonymized with <i>Cicadulina bipunctata</i> (Melichar)	<i>Cicadulina bipunctata</i> (= <i>Cicadula bipunctella</i> )
140 Melichar (1904)	<i>Gnathodus bipunctatus</i> Melichar is described as a new species from Ethiopia	<i>Cicadulina bipunctata</i> (= <i>Gnathodus bipunctatus</i> )

Reference number, authors and date	Comments	<i>Cicadulina</i> species
<b>The Gambia</b>		
26 China (1928)	<i>Balclutha mbila</i> Naude, the vector of maize streak, is renamed <i>Cicadulina mbila</i> (Naude). <i>Cicadulina</i> Haupt is renamed <i>Cicadulella</i> . <i>C. similis</i> China and <i>C. arachidis</i> China are new species	<i>C. arachidis</i> <i>C. mbila</i> (= <i>Balclutha mbila</i> ) <i>C. similis</i>
<b>Ivory Coast</b>		
74 Fauquet and Thouvenel (1980)	Maize streak is included in a guide to plant virus diseases of Ivory Coast	
<b>Kenya</b>		
25 China (1926)	<i>Cicadulina</i> and <i>Balclutha</i> are distinguished. <i>C. zae</i> China is designated a new species	<i>C. bipunctata</i> (= <i>zae</i> )
78 Ghauri (1964)	<i>C. chinai</i> Ghauri is described as a new species, and its vector status as uncertain	<i>C. chinai</i>
118 Kulkarni (1973)	<i>C. mbila</i> does not transmit maize stripe or maize line viruses	<i>C. mbila</i>
158 Nichols <i>et al.</i> (1950)	Maize streak resistance breeding with <i>Cicadulina</i> , and the problem of active and inactive vector races	
172 Rasaiah (1986a)	Includes use of <i>C. mbila</i> in maize streak resistance breeding	<i>C. mbila</i>
173 Rasaiah (1986b)	Includes use of <i>C. mbila</i> in maize streak resistance breeding	<i>C. mbila</i>
245 Storey (1961)	<i>Cicadulina</i> transmission of maize streak	
246 Storey and Howland (1960)	Maize streak resistance genetics study using <i>C. mbila</i>	<i>C. mbila</i>
247 Storey and Howland (1961)	Maize streak resistance genetics study using <i>Cicadulina</i>	
248 Storey <i>et al.</i> (1964)	Vectors of maize streak, and maize resistance studies	<i>C. bipunctata</i> (= <i>bipunctella zae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. storeyi</i>
250 Theuri and Njuguna (1988)	Maize streak in Kenya highlands	<i>C. mbila</i>



Reference number, authors and date	Comments	<i>Cicadulina</i> species
<b>Mozambique</b>		
83 Gouveia (1973)	<i>C. niger</i> transmits maize streak in the laboratory	<i>C. niger</i>
161 Nunes <i>et al.</i> (1986)	The importance of maize streak in Mozambique	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i> (= <i>triangula</i> )
<b>Nigeria</b>		
<b>(i) General topics</b>		
2 Akingbohunge (1983)	Includes biology of Nigerian leafhopper vectors	
46 Dabrowski (1987d)	<i>C. ghaurii</i> Dabrowski is described as a new species and vector of maize streak	<i>C. ghaurii</i>
70 Fajemisin <i>et al.</i> (1976)	Epiphytotic of maize streak in Nigeria	
71 Fajemisin <i>et al.</i> (1987)	Weather factors determining maize streak epidemics	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
97 International Institute of Tropical Agriculture (1978)	<i>C. triangula</i> efficiently transmits maize streak	<i>C. storeyi</i> (= <i>triangula</i> )
99 International Institute of Tropical Agriculture (1979b)	<i>C. triangula</i> transmits maize mottle chlorotic stunt	<i>C. storeyi</i> (= <i>triangula</i> )
101 International Institute of Tropical Agriculture (1981b)	<i>C. triangula</i> transmits maize mottle chlorotic stunt	<i>C. storeyi</i> (= <i>triangula</i> )
102 International Institute of Tropical Agriculture (1982)	Maize mottle chlorotic stunt virus is described, and <i>C. triangula</i> is an efficient vector	<i>C. storeyi</i> (= <i>triangula</i> )
150 National Cereals Research Institute (1977)	Suction trap catches give peak flight times for <i>Cicadulina</i>	<i>C. latens</i> <i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
151 National Cereals Research Institute (1978)	A survey of maize pests in Nigeria	
152 National Cereals Research Institute (1979a)	<i>C. latens</i> , <i>C. mbila</i> and <i>C. triangula</i> are identified as vectors of maize streak in Nigeria; and two morphs with differing transmission efficiencies are distinguished	<i>C. latens</i> <i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )

Reference number, authors and date	Comments	<i>Cicadulina</i> species
153 National Cereals Research Institute (1979b)	<i>C. mbila</i> and <i>C. triangula</i> are identified as vectors of maize streak in Nigeria	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
154 National Cereals Research Institute (1980)	Effect of planting date on incidence of viruses transmitted by <i>C. mbila</i> and <i>C. triangula</i> . Virus host plants	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
164 Okoth and Dabrowski (1987)	Population density, species composition and infectivity with maize streak virus of <i>Cicadulina</i> ssp. from ecological zones in Nigeria	<i>C. arachidis</i> <i>C. mbila</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
165 Okoth <i>et al.</i> (1987)	Parameters affecting maize streak transmission	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
166 Okoth <i>et al.</i> (1987)	Biology of <i>Cicadulina</i> spp. from climatic zones in Nigeria, and suitability for use in maize streak screening	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
194 Rossel and Ferguson (1980)	Rediscovery of maize mottle virus transmitted by <i>Cicadulina</i>	
196 Rossel and Thottappilly (1983)	Maize chlorotic stunt aetiology and transmission by <i>C. triangula</i>	<i>C. storeyi</i> (= <i>triangula</i> )
197 Rossel and Thottappilly (1985a)	Vein enation and leaf malformation appears to be caused by feeding damage	<i>C. storeyi</i> (= <i>triangula</i> )
199 Rossel <i>et al.</i> (1987)	Transmission tests for maize streak isolates from different grass hosts using <i>C. triangula</i>	<i>C. storeyi</i> (= <i>triangula</i> )
212 Soto (1978)	Laboratory studies prove <i>C.</i> <i>triangula</i> can transmit maize streak	<i>C. storeyi</i> (= <i>triangula</i> )

**(ii) Rearing of *Cicadulina* leafhoppers and their use in screening for disease resistance**

3 Alam (1983)	Mass production of leafhoppers	<i>C. storeyi</i> (= <i>triangula</i> )
16 Bjarnason (1986)	Rearing of <i>Cicadulina</i> and use in maize streak resistance screening	
23 Centro Internacional de Majoramiento de Maiz Y Trigo (1985)	Includes use of <i>Cicadulina</i> for maize streak resistance screening	
33 Connolly (1986)	Includes brief description of <i>Cicadulina</i> rearing at IITA	

Reference number, authors and date	Comments	<i>Cicadulina</i> species
37 Dabrowski (1983)	Identifying and collecting <i>Cicadulina</i> for maize streak screening	
38 Dabrowski (1984a)	<i>Cicadulina</i> rearing and use in maize streak screening	<i>C. storeyi</i> (= <i>triangula</i> )
39 Dabrowski (1984b)	Handling <i>Cicadulina</i> colonies	<i>C. storeyi</i> (= <i>triangula</i> )
40 Dabrowski (1984c)	Rearing <i>Cicadulina</i> colonies	<i>C. storeyi</i> (= <i>triangula</i> )
41 Dabrowski (1984d)	Releasing <i>Cicadulina</i> for maize streak virus resistance screening	<i>C. storeyi</i> (= <i>triangula</i> )
42 Dabrowski (1985)	Biology and behaviour of <i>C. triangula</i> in relation to maize streak resistance screening	<i>C. storeyi</i> (= <i>triangula</i> )
45 Dabrowski (1987c)	Parameters affecting suitability of <i>Cicadulina</i> for maize streak resistance screening; including distribution pattern, effects of temperature and humidity on biology and fecundity, host preference, and transmission efficiency	
47 Dabrowski (1988)	Effect of release of viruliferous <i>C. triangula</i> on wild <i>Cicadulina</i> populations	<i>C. storeyi</i> (= <i>triangula</i> )
48 Dabrowski (1989)	Procedures and techniques for rearing <i>Cicadulina</i>	
49 Dabrowski <i>et al.</i> (1985)	Screening for maize mottle chlorotic stunt transmitted by <i>C. triangula</i>	<i>C. storeyi</i> (= <i>triangula</i> )
63 Efron <i>et al.</i> (1989)	Includes <i>Cicadulina</i> rearing and use in maize streak resistance screening	<i>C. storeyi</i> (= <i>triangula</i> )
69 Fajemisin (1986)	Includes maize streak resistance screening at IITA and control measures	
72 Fajemisin <i>et al.</i> (1985)	Rearing of <i>C. triangula</i> and use in maize streak screening	<i>C. storeyi</i> (= <i>triangula</i> )
73 Fajemisin <i>et al.</i> (1984)	As for reference number 72 above	<i>C. storeyi</i> (= <i>triangula</i> )
93 International Institute of Tropical Agriculture (1976)	Mass production of <i>Cicadulina</i> and maize streak screening	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )

Reference number, authors and date	Comments	<i>Cicadulina</i> species
94 International Institute of Tropical Agriculture (1977a)	Mass production of <i>Cicadulina</i> and maize streak screening	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
95 International Institute of Tropical Agriculture (1977b)	As for reference number 94 above	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
96 International Institute of Tropical Agriculture (1977c)	Screening for maize streak resistance	
98 International Institute of Tropical Agriculture (1979a)	Field infestation using <i>C.</i> <i>triangula</i> is described	<i>C. storeyi</i> (= <i>triangula</i> )
100 International Institute of Tropical Agriculture (1981a)	Efficiency of two leafhopper infestation methods are compared	
104 International Institute of Tropical Agriculture (1985b)	Improvements to rearing and field infestation	<i>C. storeyi</i> (= <i>triangula</i> )
106 International Institute of Tropical Agriculture (1986)	Rearing of <i>Cicadulina</i> , biogeography and maize streak transmission efficiency	<i>C. arachidis</i> <i>C. ghaurii</i> <i>C. mbila</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
107 International Institute of Tropical Agriculture (1987a)	<i>Cicadulina</i> rearing and maize streak screening	
108 International Institute of Tropical Agriculture (1987b)	Briefly describes the use of <i>Cicadulina</i> in maize streak screening	<i>C. storeyi</i> (= <i>triangula</i> )
110 International Institute of Tropical Agriculture (1987d)	Biological control of aphids in leafhopper cages	

Reference number, authors and date	Comments	<i>Cicadulina</i> species
112 International Institute of Tropical Agriculture (1989b)	Mass rearing of <i>Cicadulina</i> , and species composition in different regions	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
120 Leuschner <i>et al.</i> (1980)	An improved method of field infestation for use in maize streak resistance screening	
213 Soto <i>et al.</i> (1982)	Methods for vector production and large scale maize screening	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
<b>South Africa</b>		
62 Drinkwater <i>et al.</i> (1979)	Soil applied systemic insecticides to control <i>C.</i> <i>mbila</i>	<i>C. mbila</i>
64 Engelbrecht (1980)	<i>C. mbila</i> can transmit maize rough dwarf virus	<i>C. mbila</i>
65 Engelbrecht (1974)	Potential threat of maize streak in South Africa and control measures	<i>C. bipunctata</i> (= <i>zeae</i> ) <i>C. mbila</i> <i>C. storeyi</i>
81 Gorter (1951)	Prevention of maize streak, primarily by cultural methods	<i>C. mbila</i>
82 Gorter (1953)	Spread and control of maize streak	<i>C. mbila</i>
139 McClean (1934)	<i>C. mbila</i> is the vector of sugarcane streak, which is distinguished from maize streak. Cultural control is described	<i>C. mbila</i>
155 Naude (1924)	<i>Balclutha mbila</i> Naude is described as a new species	<i>C. mbila</i> (= <i>Balclutha</i> <i>mbila</i> )
156 Naude (1926)	<i>Balclutha mbila</i> Naude is referred to as a new species	<i>C. mbila</i> (= <i>Balclutha</i> <i>mbila</i> )
203 Rybicki (1988)	Maize streak epidemiology in South Africa	<i>C. mbila</i>
216 Storey (1924)	<i>Balclutha mbila</i> transmits maize streak	<i>C. mbila</i> (= <i>Balclutha</i> <i>mbila</i> )
217 Storey (1925a)	Sugarcane streak transmission by <i>Balclutha mbila</i> , epidemiology and control	<i>C. mbila</i> (= <i>Balclutha</i> <i>mbila</i> )
218 Storey (1925b)	The vector of maize streak is <i>Balclutha mbila</i> , and the virus is persistent in the vector	<i>C. mbila</i> (= <i>Balclutha</i> <i>mbila</i> )

Reference number, authors and date	Comments	<i>Cicadulina</i> species
219 Storey (1926a)	Cross-transmission of maize streak using <i>Balclutha mbila</i> between maize, sugarcane, <i>Eleusine indica</i> and <i>Digitaria horizontalis</i>	<i>C. mbila</i> (= <i>Balclutha mbila</i> )
220 Storey (1926b)	Maize streak acquisition, incubation, transmission and virus retention in <i>Balclutha mbila</i> . Vector inoculation experiments	<i>C. mbila</i> (= <i>Balclutha mbila</i> )
221 Storey (1928)	Transmission studies for maize streak and <i>C. mbila</i>	<i>C. mbila</i>
249 Storey and McClean (1930)	Transmission of maize streak between varieties of maize, sugarcane and grasses; and symptom expression. The effect of repeated passage through, and persistence of, virus in <i>C. mbila</i>	<i>C. mbila</i>
254 Van Der Watt (1979)	Briefly describes infection techniques for maize streak	
255 Van Rensburg (1979a)	Ecology and rearing of <i>Cicadulina</i> spp.	<i>C. niger</i> <i>C. parazeae</i> <i>C. storeyi</i>
256 Van Rensburg (1979b)	A new field infection technique using <i>C. mbila</i>	<i>C. mbila</i>
257 Van Rensburg (1983a)	Laboratory study on the effect of temperature on <i>C. mbila</i>	<i>C. mbila</i>
258 Van Rensburg (1983b)	Laboratory study on <i>C. mbila</i> host preference and effects of host plant on fecundity and development rate	<i>C. mbila</i>
259 Van Rensburg (1983c)	Taxonomy, biogeography and synonyms of <i>Cicadulina</i> spp. from South Africa	<i>C. latens</i> <i>C. mbila</i> <i>C. niger</i> <i>C. parazeae</i> <i>C. similis</i> <i>C. storeyi</i> (= <i>triangula</i> )
260 Van Rensburg and Giliomee (1989)	Comparative efficacy of pre- and post-emergent applications of insecticides against <i>C. mbila</i> and stalk borers	<i>C. mbila</i>
261 Van Rensburg and Walters (1977)	A method for transporting <i>C. mbila</i> over long distances	<i>C. mbila</i>
262 Van Rensburg (1988)	Use of cloethocarb to control <i>C. mbila</i>	<i>C. mbila</i>



Reference number, authors and date	Comments	<i>Cicadulina</i> species
263 Van Rensburg and Walters (1978)	Use of soil applied systemic insecticides to control <i>C. mbila</i>	<i>C. mbila</i>
265 Von Wechmar and Milne (1983)	Includes use of ELISA for detecting maize streak in single leafhoppers	<i>C. mbila</i>
<b>Tanzania</b>		
12 Ampofo (1988)	Assessments of on-farm losses due to insect pests	
27 China (1936)	<i>C. storeyi</i> China is described as a new species	<i>C. storeyi</i>
223 Storey (1930b)	Individuals of <i>C. mbila</i> unable to acquire or transmit maize streak are reported	<i>C. mbila</i>
224 Storey (1931)	Sex-linked inheritance by <i>C. mbila</i> of the ability to transmit maize streak	<i>C. mbila</i>
225 Storey (1932a)	Breeding of active races of <i>C. mbila</i> for maize streak transmission	<i>C. mbila</i>
226 Storey (1932b)	Filtration of maize streak, and testing of extracts by feeding to <i>C. mbila</i>	<i>C. mbila</i>
227 Storey (1932c)	Inheritance of the ability to transmit a plant virus	<i>C. mbila</i>
228 Storey (1933a)	Mechanisms of virus transmission; passage of maize streak through active and inactive races of <i>C. mbila</i>	<i>C. mbila</i>
229 Storey (1933b)	Passage of maize streak through active and inactive races of <i>C. mbila</i> . A new vector inoculation technique, and an attempt to breed an active race of <i>C. zae</i>	<i>C. bipunctata</i> (= <i>zae</i> ) <i>C. mbila</i>
230 Storey (1934a)	Studies on replication of maize streak in <i>C. mbila</i> , and proportions of active to inactive races in vector populations	<i>C. mbila</i>
231 Storey (1934b)	Studies on passage of maize streak through active and inactive races of <i>C. mbila</i> and <i>C. zae</i>	<i>C. bipunctata</i> (= <i>zae</i> ) <i>C. mbila</i>
232 Storey (1934c)	Photodynamic effect of methylene blue on maize streak	<i>C. mbila</i>
233 Storey (1935)	The role of stylets and saliva in virus transmission	<i>C. mbila</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
234 Storey (1936a)	Difficulties in breeding <i>C. zae</i> China populations were found to be due to presence of a new species; <i>C. nicholsi</i> Storey. A new virus transmitted by active <i>Cicadulina</i> races is reported	<i>C. bipunctata</i> (= <i>zae</i> ) <i>C. storeyi</i> (= <i>nicholsi</i> )
235 Storey (1936b)	Includes description of graminaceous hosts of streak and corresponding vectors, and a new <i>Cicadulina</i> transmitted maize virus	
236 Storey (1936c)	Epidemiology and cultural control of maize streak in East Africa, with vectors given as <i>C. mbila</i> , <i>C. storeyi</i> and <i>C. zae</i>	<i>C. bipunctata</i> (= <i>zae</i> ) <i>C. mbila</i> <i>C. storeyi</i>
237 Storey (1937a)	Transmission of a new maize virus (maize mottle virus)	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
238 Storey (1937b)	Variation in transmission efficiency and persistence of virus in vector races of <i>C. mbila</i>	<i>C. mbila</i>
239 Storey (1938a)	The role of the puncture in maize streak transmission, and the importance of feeding site in virus acquisition	<i>C. mbila</i>
240 Storey (1938b)	Reports the presence of a fluid secreted on to the wings of <i>C. mbila</i> and scraped off as a powder	<i>C. mbila</i>
241 Storey (1939a)	The role of saliva in virus transmission	<i>C. mbila</i>
242 Storey (1939b)	Factors determining transmission of virus in feeding, and variation in ability to cause infection	<i>C. mbila</i>
243 Storey (1939c)	Review of insect transmission of plant viruses includes <i>C. mbila</i> transmission of maize streak	<i>C. mbila</i>
244 Storey (1948)	Maize streak is included in a history of plant disease research at Amani Research Station	
<b>Uganda</b>		
20 Bock and Majisu (1971)	Virus affecting finger millet at Serere is transmitted by <i>C. mbila</i> and believed to be a strain of maize streak	<i>C. mbila</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
<b>Zambia</b>		
170 Rao (1981)	Control of maize diseases in Zambia, includes screening for maize streak	<i>C. mbila</i>
171 Rao and Ristanovic (1986)	Control of maize diseases in Zambia, includes screening for maize streak	<i>C. mbila</i>
<b>Zimbabwe</b>		
<b>(i) General topics</b>		
25 Centro Internacional de Majoramiento de Maiz Y Trigo (1988)	Describes setting up of <i>C. mbila</i> rearing facilities at Harare	<i>C. mbila</i>
59 Department of Research and Specialist Services (1984)	The use of <i>C. mbila</i> in screening for maize streak resistance; yield reduction in wheat due to maize streak; and cultural control methods	<i>C. mbila</i>
77 Ghauri (1961)	<i>C. parazeae</i> Ghauri is described as a new species	<i>C. parazeae</i>
109 International Institute of Tropical Agriculture (1987c)	Rearing <i>C. mbila</i> and maize streak screening at Harare	<i>C. mbila</i>
114 Johnston (1983)	Increasing importance of maize streak and its vectors in Zimbabwe	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
125 Marandu (1987)	<i>Cicadulina</i> rearing facilities at Harare	<i>C. mbila</i>
178 Rhodesia Ministry of Agriculture (1971)	Bionomics, injuriousness and control of <i>Cicadulina</i>	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
181 Rose (1962)	Distribution of <i>C. mbila</i> , <i>C. parazeae</i> , <i>C. storeyi</i> and an unidentified <i>Cicadulina</i> sp., which are vectors of maize streak in Zimbabwe	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
182 Rose (1972)	Times and sizes of <i>Cicadulina</i> dispersal	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
183 Rose (1973a)	Dispersal and quality in <i>Cicadulina</i> populations	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
184 Rose (1973b)	Laboratory study on the effects of temperature on the biology of <i>Cicadulina</i>	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
185 Rose (1973c)	Field studies on <i>Cicadulina</i> spp.; includes dispersal, food plants, development rate, effect of temperature, population dynamics and sex ratio	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
186 Rose (1973d)	Distances flown by <i>Cicadulina</i> and maize streak distribution	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
188 Rose (1974)	Effect of population densities of <i>Cicadulina</i> spp. on maize streak epidemiology of irrigated crops, and chemical control measures	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
200 Rothwell (1979)	Epidemiology of maize streak in Zimbabwe	
211 Sithole (1989)	Includes economic importance of <i>Cicadulina</i> in Zimbabwe	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>
251 Thresh (1983)	Includes <i>Cicadulina</i> transmission of maize streak in Zimbabwe	
252 Thresh (1986a)	Forecasting maize streak epidemics in Zimbabwe	
<b>(ii) Control methods</b>		
58 Department of Research and Specialist Services (1977)	Insecticide trials for <i>Cicadulina</i> vector control	
60 Department of Research and Specialist Services (1987)	Comparison of insecticides and their modes of application to control <i>C. mbila</i>	<i>C. mbila</i>
61 Douse (1982)	Maize streak and its control	
142 Muchena <i>et al.</i> (1987)	<i>C. mbila</i> is effectively controlled with carbofuran	<i>C. mbila</i>
143 Mzira (1984a)	The effects on yield and disease spread, of chemical control of <i>C. mbila</i> ; and the effect of time of infection on yield	<i>C. mbila</i>
144 Mzira (1984b)	Chemical control of <i>Cicadulina</i>	<i>C. mbila</i>
145 Mzira (1984c)	Cultural control of maize streak	<i>C. mbila</i>
187 Rose (1973e)	Management of <i>Cicadulina</i> to reduce maize streak	<i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species	
<b>North America</b>			
51	Damsteegt (1978)	Experimental host plants for <i>C. mbila</i> and maize streak	<i>C. mbila</i>
52	Damsteegt (1980)	American maize varieties are tested against maize streak transmitted by <i>C. mbila</i>	<i>C. mbila</i>
53	Damsteegt (1983)	<i>C. mbila</i> transmission studies to determine maize streak host range and maize germplasm vulnerability to it	<i>C. mbila</i>
84	Graham (1979)	Testing of transmission of maize streak by leafhopper species in the United States	<i>C. mbila</i>
157	Nault and Madden (1988)	<i>C. mbila</i> is not a vector of maize chlorotic dwarf virus	<i>C. mbila</i>
<b>Asia</b>			
<b>India</b>			
28	Choudhary <i>et al.</i> (1979)	Wheat varieties are screened against maize streak transmitted by <i>C. mbila</i> in Rajasthan	<i>C. mbila</i>
29	Choudhary <i>et al.</i> (1980)	Pearlmillet lines are screened against the pearlmillet strain of maize streak transmitted by <i>C. mbila</i> in Rajasthan	<i>C. mbila</i>
30	Choudhary <i>et al.</i> (1976)	<i>C. mbila</i> transmission of maize streak is recorded in Rajasthan	<i>C. mbila</i>
55	David and Alexander (1984)	Future research on <i>C. mbila</i> (the vector of sugarcane streak) in Coimbatore	<i>C. mbila</i>
113	Jackson <i>et al.</i> (1981)	<i>C. bipunctata</i> and <i>C. chinai</i> transmit a rhabdovirus of ragi ( <i>Eleusine coracana</i> ) in India	<i>C. bipunctata</i> <i>C. chinai</i>
119	Kulkarni <i>et al.</i> (1980)	<i>C. mbila</i> transmits wheat streak in Karnataka	<i>C. mbila</i>
121	Mali <i>et al.</i> (1978)	Wheat streak in Maharashtra is transmitted by <i>Cicadulina</i>	
146	Nagaich and Sinha (1974)	<i>C. mbila</i> is the vector of eastern wheat striate virus	<i>C. mbila</i>
147	Nagaraju <i>et al.</i> (1982)	<i>C. chinai</i> is the vector of ragi ( <i>Eleusine coracana</i> ) streak virus in Karnataka	<i>C. chinai</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
148 Nagaraju and Viswanath (1981)	The relationship of <i>C. chinai</i> to ragi ( <i>Eleusine coracana</i> ) streak virus in Karnataka	<i>C. chinai</i>
149 Nagpal <i>et al.</i> (1977)	Occurrence of <i>C. mbila</i> transmitted wheat streak in Madhya Pradesh	<i>C. mbila</i>
168 Rajagopal and Channabasavanna (1975)	The importance of <i>C. bipunctata</i> as a maize pest in Karnataka	<i>C. bipunctata</i>
169 Rajagopal and Channabasavanna (1977)	Study on chemical control of maize pests includes <i>C. bipunctata bipunctata</i>	<i>C. bipunctata</i> (= <i>bipunctata</i> <i>bipunctata</i> )
174 Raychaudhuri <i>et</i> <i>al.</i> (1976)	Includes <i>C. mbila</i> transmission of maize streak in India	<i>C. mbila</i>
175 Reddy (1975)	Use of miniplant tubes for virus transmission studies in Karnataka	<i>C. bipunctata</i> (= <i>bipunctella</i> <i>zeae</i> ) <i>C. chinai</i>
202 Ruppel (1969)	<i>C. chinai</i> and <i>C. bipunctella zeae</i> are recorded on ragi ( <i>Eleusine coracana</i> ) from India	<i>C. bipunctata</i> (= <i>bipunctella</i> <i>zeae</i> ) <i>C. chinai</i>
204 Sachan (1982)	Effect of fertilizer on <i>Cicadulina</i> incidence on <i>Pennisetum purpurem</i>	
205 Seth <i>et al.</i> (1971)	Streak of bajra ( <i>Pennisetum typhoides</i> ) in India is identified in New Delhi as maize streak transmitted by <i>C. mbila</i>	<i>C. mbila</i>
206 Seth <i>et al.</i> (1972a)	Bajra ( <i>Pennisetum typhoides</i> ) streak in India is identified as a new strain of maize streak from transmission tests using <i>C. mbila</i>	<i>C. mbila</i>
207 Seth <i>et al.</i> (1972b)	Effects of <i>C. mbila</i> transmitted maize streak on Indian wheat varieties	<i>C. mbila</i>
208 Seth and Singh (1976)	<i>C. mbila</i> transmits maize streak in India	<i>C. mbila</i>
209 Sharma and Payak (1983)	<i>C. mbila</i> transmits maize vein enation in Darjeeling. Bajra ( <i>Pennisetum typhoides</i> ) streak experimental transmission to maize occurred with <i>C. latens</i> , <i>C. mbila</i> , <i>C. bipunctella zeae</i> , <i>C. parazeae</i> and <i>C. storeyi</i>	<i>C. bipunctata</i> (= <i>bipunctella</i> <i>zeae</i> ) <i>C. latens</i> <i>C. mbila</i> <i>C. parazeae</i> <i>C. storeyi</i>



Reference number, authors and date	Comments	<i>Cicadulina</i> species
214 Srivastava and Bisaria (1982)	<i>Cicadulina</i> biology and susceptibility of rice varieties to its attack	
<b>Philippines</b>		
1 Agati and Calica (1949)	Aetiology of leaf-gall of rice and corn	
68 Exconde (1983)	<i>C. bipunctella zae</i> transmits maize leaf-gall	<i>C. bipunctata</i> (= <i>bipunctella</i> <i>zae</i> )
124 Maramorosch <i>et al.</i> (1961)	<i>C. bipunctella</i> causes leaf- galls on maize and rice	<i>C. bipunctata</i> (= <i>bipunctella</i> )
<b>Australia</b>		
85 Grylls (1979)	Includes vector status of <i>C.</i> <i>bimaculata</i> and <i>C. bipunctata</i> in Australia. <i>C. bipunctata</i> is recorded as vector of maize streak and maize wallaby ear disease	<i>C. bimaculata</i> <i>C. bipunctata</i>
116 Kitching <i>et al.</i> (1973)	The synonymy <i>C. bipunctella</i> Matsumura = <i>C. bimaculata</i> (Evans) is rejected. Both species are present in Australia	<i>C. bimaculata</i> <i>C. bipunctata</i> (= <i>bipunctella</i> )
<b>Indian Ocean Islands</b>		
13 Autrey (1983)	In glasshouse tests <i>C. mbila</i> but not <i>C. triangula</i> transmits maize streak in Mauritius	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
14 Autrey and Ricaud (1983)	Comparison of epidemiology and incidence of maize streak and maize mosaic in Mauritius	
57 Delpeuch <i>et al.</i> (1986)	<i>C. mbila</i> is proved as the vector of maize streak in Reunion	<i>C. mbila</i>
66 Etienne and Roura (1977)	<i>C. mbila</i> is the vector of maize streak in Mauritius and Reunion	<i>C. mbila</i>
126 Marchand and Hainzelin (1986)	Rearing <i>C. mbila</i> , field infestation and screening for maize streak resistance	<i>C. mbila</i>
131 Mauritius Sugar Industry Research Institute (1973)	First record of <i>C. mbila</i> in Mauritius. Maize streak distribution is given	<i>C. mbila</i>

Reference number, authors and date	Comments	<i>Cicadulina</i> species
132 Mauritius Sugar Industry Research Institute (1974)	Comparison of development and host preference of <i>C.</i> <i>mbila</i> on maize and sugarcane in both field and laboratory studies	<i>C. mbila</i>
133 Mauritius Sugar Industry Research Institute (1975a)	Transmission tests for streak between sugarcane, maize and grasses using <i>C. mbila</i> and <i>C. triangula</i> . <i>C. triangula</i> is newly reported in Mauritius. Three virus strains are present, and their distribution is given	<i>C. mbila</i> <i>C. storeyi</i> (= <i>triangula</i> )
134 Mauritius Sugar Industry Research Institute (1975b)	Transmission tests for three streak virus strains using <i>C.</i> <i>mbila</i>	<i>C. mbila</i>
135 Mauritius Sugar Industry Research Institute (1976)	<i>C. mbila</i> is tested for transmission of grass streak virus isolates to maize. Streak distribution is given, and crop loss estimated	<i>C. mbila</i>
136 Mauritius Sugar Industry Research Institute (1977)	<i>C. mbila</i> is used for cross- transmission of streak virus isolates to establish serological relationships to the maize strain	<i>C. mbila</i>
137 Mauritius Sugar Industry Research Institute (1978)	<i>C. mbila</i> rarely transmits streak from <i>Cenchrus</i> grass to sugarcane	<i>C. mbila</i>
138 Mauritius Sugar Industry Research Institute (1981)	Maize streak is the most important maize disease in Rodrigues, and distribution is given. New grass hosts are identified, and maize varieties screened	<i>C. mbila</i>
176 Reynaud (1988)	Includes <i>C. mbila</i> incidence on two maize varieties, and pathogen control in rearing	<i>C. mbila</i>
177 Reynaud <i>et al.</i> (1987)	Includes use of <i>C. mbila</i> in screening for maize streak resistance	<i>C. mbila</i>
179 Ricaud and Felix (1976)	<i>C. mbila</i> is the vector of maize streak in Mauritius, where the disease is increasing in importance	<i>C. mbila</i>
180 Ricaud and Felix (1979)	As for reference number 179 above	<i>C. mbila</i>

## Table of references by major subject and period of publication

Subject	Year					
	1901-20	1921-40	1941-60	1961-70	1971-80	1981-90
General topics						50,55,103, 105
Taxonomy and morphology	130,140,	25,26,27, 155,156, 234,268	67,75,269	77,78,89, 159,201	6,79,116, 160,264	46,259,267
Anatomy, physiology and pathology		232,240			115,210	21,22,265
Ecology and biology					4,5,132,184, 185,186	2,11,43,54, 164,166,214, 257
Host plants				202	51	34,199,258
Economic role and damage			1	123,124	151,168,178, 189	12,31,90, 191,197,211
Biogeography		222		181	86	32,44,71, 193,266
Migration/dispersal					150,182,183, 186	87,192
Insect rearing and use in virus screening			158,246	247,248	28,29,52,93, 94,95,96,98, 120,175,207, 254,255,256, 261	3,16,23,24, 33,37,38,39, 40,41,42,45, 47,48,49,53, 59,63,69,72, 73,100,104, 106,107,108, 109,110,111, 112,122,125, 126,138,170, 171,172,173, 176,177,213
Vector status/virus transmission		139,216, 217,218, 219,220, 221,223, 224,225, 226,227, 228,229, 230,231, 233,235, 236,237, 238,239, 241,242, 243,249	244	245	9,17,20,30, 64,65,66,70, 74,83,84,85, 97,99,117, 118,119,121, 131,133,134, 135,136,137, 146,149,152, 153,162,163, 174,179,180, 190,194,200, 205,206,208, 212	7,8,10,13, 14,18,19,35, 36,56,57,68, 80,88,91,92, 101,102,113, 114,127,128, 129,147,148, 157,161,165, 167,195,196, 198,203,209, 215,250,251, 252,253
Natural enemies		76				
Control methods (general)			82		187	61
Chemical control methods					58,62,169, 263	60,141,142, 143,144,260, 262
Cultural control methods			81		154	15,145,204

