

NA-11

**BIBLIOGRAPHY
OF
SCIENTIFIC LITERATURE
RELATING TO
SRI LANKA**

FIRST SUPPLEMENT

Compiled by

N. A. W. A. T. Alwis

SOCIAL SCIENCE RESEARCH CENTRE
NATIONAL SCIENCE COUNCIL OF SRI LANKA
47/5 Maitland Place,
Colombo - 7.

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PREFACE

This bibliography is intended as the first supplement to my previous issue of Bibliography of scientific publications relating to Sri Lanka : 1960-76, which was published in 1978. The opportunity has been taken not only to cover all materials produced up to December 1977, but also to include data in the period between 1960 and 1976, which I was able to examine later, and includes research publications in the form of monographs, periodical articles, leaflets, theses, standard specifications, annual reports, abstracts, and letters, besides some papers and reports presented to seminars. As with its earlier counterpart, this work too is intended basically to serve as a guide to the literature on pure sciences written by local scientists. Scientific literature relating to Sri Lanka written by foreign authors has also been included. Sections and significant parts in articles which, though not dealing primarily with Sri Lanka, have a bearing on local scientific studies have also been considered. Unpublished literature (except for unpublished theses presented to local and foreign universities), book reviews and articles in newspapers has been omitted.

The subject arrangement is based on UDC (Universal Decimal Classification) system and is outlined in the table of contents. Entries carry full bibliographic details. The name of the author is recorded as it appears in the publication. In the case of articles in journals, the title is followed by the name of the journal. This is followed by the volume, number, part (when available), year and pagination. Concluding each class of entries a cross reference is given to related materials classified under other headings. A broad alphabetical subject index to the terms used, and an author index are given for easy reference.

Material for the bibliography has been collected mainly from personal contacts and from important libraries in Sri Lanka. More than 90% of the entries included have been personally checked and examined by the author. All the other unexamined entries have been verified in authoritative indexes and bibliographies.

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I am deeply indebted to Mr. H.A.I. Goonetilleke, Librarian of the University of Peradeniya, Sri Lanka, for continued encouragement and valuable suggestions he has given me throughout the compilation of this work, and to the National Science Council of Sri Lanka for making a financial grant available. A special word of thanks is due to Mr. Richard Abrahams for typing the manuscript.

N.A.W.A.T. Alwis

The Library,
University of Peradeniya,
SRI LANKA.

2nd April 1979.

GUIDE TO ABBREVIATIONS USED FOR PERIODICALS

Bull. Fish. Res. Stn., Ceylon.	Bulletin of the Fisheries Research Station, Ceylon (Colombo).
Cey. J. Med. Sci.	Ceylon Journal of Medical Science (Colombo).
Cey. J. Sci. (Bio. Sci.)	Ceylon Journal of Science (Biological Sciences) (Peradeniya).
Cey. Vet. J.	Ceylon Veterinary Journal (Peradeniya)
J. Nat. Agric. Soc., Ceylon	Journal of the National Agricultural Society of Ceylon (Peradeniya)
J. Nat. Sci. Coun., Sri Lanka	Journal of the National Science Council of Sri Lanka (Colombo)
Jl. Rubb. Res. Inst., Sri Lanka	Journal of the Rubber Research Institute of Sri Lanka (Agalawatte)
Loris	Loris : a Journal of Ceylon Wild Life (Colombo).
Q. Jl. Rubb. Res. Inst., Ceylon	Quarterly Journal of the Rubber Research Institute of Ceylon (Agalawatte)
Proc. CAAS.	Proceedings of the Ceylon Association for the Advancement of Science (Colombo).
Proc. SLAAS.	Proceedings of the Sri Lanka Association for the Advancement of Science (Colombo).
Tea Q.	Tea Quarterly : Journal of the Tea Research Institute of Ceylon (Talawakele).
Trop. Agric., Ceylon	Tropical Agriculturist (Peradeniya).

010 - BIBLIOGRAPHIES. INDEXES TO PERIODICALS.

UNION LISTS.

1. ARUMUGAM, S. Comp.
A bibliography of water resources of Sri Lanka (Ceylon). Colombo, Water Resources Board, 1975. [X], 61 p.
2. RIDGE, John Drew
Ceylon graphite. In: Annotated bibliographies of mineral deposits in Africa, Asia (exclusive of the USSR) and Australasia. Oxford, Pergamon Press, 1976. pp. 219-222.
3. SRI LANKA. National Science Council. Scientific and Technological Information Centre.
Current science bulletin. Vol. 1, no. 1, January-March, 1977 . . . in progress. Colombo, NSC.
4. SRI LANKA. National Science Council. Scientific and Technological Information Centre.
Solar energy : a select bibliography. (SLSTIC Bibliography series 1 - 1977). Colombo, National Science Council of Sri Lanka, 1977. v, 34 f.
5. SRI LANKA. National Science Council. Scientific and Technological Information Centre.
Sri Lanka science index. Vol. 1, no. 1, January-March, 1977 . . . in progress. Colombo, NSC.

058 - DIRECTORIES

6. SRI LANKA. National Science Council. Scientific and Technological Information Centre.
Directory of Scientific and Technical Libraries in Sri Lanka. Colombo, NSC, 1977. [vii], 63 p.

5 NATURAL SCIENCES

7. ALLES, J. and STAFF OF THE SCIENCE EVALUATION RESEARCH PROJECT.
A preliminary report on the project for the improvement of evaluation practices in science G.C.E. (O.L.) Proc. CAAS 25 (1) 1967 : 74-76.
[Abstract]
8. AMARASURIYA, Nimala
Scientific information for developing countries. Rosisca Bulletin (New Delhi). (8) June 1978 : 11-13.
9. ANON
Science education in schools. Ceylon Today 11 (11) Nov. 1962 : 22-24.
10. CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH.
CISIR contribution to science and industry : Proceedings of the 21st anniversary seminar, B.M.I.C.H., May 4-6, 1976. Colombo, C.I.S.I.R., 1977. [iv], 222 p.
11. COORAY, Noreen
Government expenditure in scientific research and development in Ceylon. Proc. CAAS. 26 (1) 1970 : 114. [Abstract]
12. DHARMAWARDANE, B.M.
A study of factors which effect the ability of certain groups of 13-year-old children to formulate hypotheses in scientific work in school. M.A. thesis. University of London, 1965.
(Unpublished).
13. DHARMAWARDANE, C.
Job-orientation of undergraduate science courses. Proc. CAAS. 27 (1) 1971 : 109. [Abstract].
14. FERNANDO, A. Denis N.
Do developing countries always require expensive, sophisticated equipment for research? Proc. CAAS. 28 (1) 1972 : 69-70. [Abstract].

15. JAYARATNE, Osmund
Science in a developing country. In: CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH. CISIR contribution to science and industry. Proceedings of the 21st anniversary seminar, B.M.I.C.H., May , 1976. Colombo, CISIR, 1977. pp. 15-18.
16. JAYATILAKE, P.W.
Case for a national science and technical library. State Engineer 3 (2), 1971 : 10-12.
17. KANAPATHIPILLAI, P.
A scientists' battle of today. Tea Q. 38 (2) 1967 : 122-124.
18. LAURENTIUS, S.F.
Future of the CISIR. In: CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH. CISIR contribution to science and industry : Proceedings of the 21st anniversary seminar, B.M.I.C.H., May 4-6, 1976. Colombo, C.I.S.I.R., 1977. pp. 219-221.
19. LAURENTIUS, S.F.
Twenty one years of CISIR. In: CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH. CISIR contribution to science and industry : Proceedings of the 21st anniversary seminar, B.M.I.C.H., May 4-6, 1976. Colombo, CISIR, 1977. pp. 9-14.
20. LIYANAGE, Shantha; WIJESINGHE, T.; ANBALAGAN, N. and FEIRIS, S.
A survey of the expenditure on research and experimental development in Sri Lanka, 1966-1975 : a report presented to the Ministry of Industries and Scientific Affairs. Colombo, National Science Council of Sri Lanka, 1977. 76 p. (Report no. 1).
21. MENDIS, D.L.O.
The need for scientific and technological cooperation among the non-aligned and other developing countries. Proc. SLAAS., 32 (1) 1976 : 58. [Abstract].

22. MUTHULINGAM, S.
An investigation of certain factors in the physical science course of secondary schools in relation to aspects of the achievement, attitudes and interests of fifth year pupils. M.A. thesis. University of London, 1963. (Unpublished).
23. NATHANAEL, W.R.N.
Science and the citizen vis-a-vis, the expanding universe. Proc. SLAAS. 33 (2) 1977 : 5-61.
24. RATNAIKE, J.
A report on exploratory work directed towards the improvement of evaluation practices in the G.C.E. (O.L.) (Science subjects) examination. Proc. CAAS. 23 (1) 1967 : 78-79. [Abstract].
25. SRI LANKA. Ministry of Industries and Scientific Affairs. Review of activities - 1976. Colombo, the Ministry, 1977. v, 239 p.
26. SRI LANKA. National Science Council.
Aspects of national science policy. Colombo, NSC, 1977. 6 p. (mimeo).
27. SRI LANKA. National Science Council.
Science policy and planning : report of a seminar 21-22 January 1976. Colombo, NSC, 1976. 25 p. (Report no. 1, 1976).
28. SRI LANKA. Organisation of Professional Associations.
A proposal for an Academy of Sciences for Sri Lanka. Organisation of Professional Associations of Sri Lanka. Colombo, (Ministry of National Housing), [1977]. 12 p. (mimeo.).
29. WIGNARAJA, Ponna
Science and technology for development : a range of perspectives. Economic Review 3 (5) Aug. 1977 : 24-27.
30. WIJESEKERA, R.O.B.
Science in a small developing nation. Scientific World (England). (1) 1976 : 6-9.

31. YAPA, N.U.
The Sri Lanka scientific and technical
information centre. Rostca Bulletin (India)
(7) 1977 : 3-4.

5 : 340.13 - Science - Statutes, etc.

32. CEYLON. Statutes, etc.
Animals (amendment) Act, no. 20 of 1964.
Colombo, Govt. Pubs. Bureau, [1964]. 4 p.
(Acts of Ceylon - no. 20 of 1964).
33. CEYLON. Statutes, etc.
Ceylon Association for the Advancement of Science
Act, no. 11 of 1966. Colombo, Govt. Pub. Bureau,
1966. 14 p. (Acts of Ceylon - no. 11, 1966).
34. CEYLON. Statutes, etc.
Fauna and flora protection (amendment) act,
no. 44 of 1964. Colombo, Govt. Pub. Bureau,
[1964]. 26 p. (Acts of Ceylon, no. 44, 1964).
35. CEYLON. Statutes, etc.
Institute of Chemistry, Ceylon, Act No. 15, of
1972. Colombo, Govt. Pub. Bureau, [19--?], 14 p.
(Acts of Ceylon - no. 15, 1972).
36. CEYLON. Statutes, etc.
Radioactive minerals act, no. 46 of 1968.
Colombo, Govt. Pub. Bureau, 1969. 11 p. (Acts of
Ceylon, no. 46, 1968).

51 - MATHEMATICS

37. BALASUNDARAM, Harimaladevi
The Diophantine equation $(y(y+1))^2 = 3x(x+1)$
J. Nat. Sci. Couz., Sri Lanka, 4 (2) 1976 :
157-162.
38. DAYANANDA, R.A.
Comparison of two forms of utility structures in
Bayesian acceptance sampling in two-sided tests of
a normal mean. Proc. SLAAS. 33 (1) 1977 : 62.
[Abstract].

39. PONNUDURAI, Tharmambikai
Two Diophantine equations in cyclotomic fields. J. Nat. Sci. Coun., Sri Lanka. 5 (1) 1977 : 33-40.
40. YOGACHANDRAN, C.
Absolute convergence factors for integrals. J. Nat. Sci. Coun., Sri Lanka 4 (2) 1976 : 149-155.

53 - PHYSICS

41. AMARASIRIWARDENA, Dulasiri and DHARMAWARDENA, Granville.
Annual variation of radiation levels in the high background areas in South-West coast of Sri Lanka. Proc. SLAAS. 33 (1) 1977 : 63.
[Abstract].
42. AMARASIRIWARDENA, Dulasiri and DHARMAWARDENA, Granville.
Investigation of some background radiation levels in Sri Lanka. Proc. SLAAS. 33 (1) 1977 : 62. [Abstract].
43. DE SILVA, R.L.
Conversion to the metric system. Tea Q. 42 (1/2) 1971 : 6-11.
44. DEWENDRA, D.J. and GALLOWAY, R.B.
A simple fast-neutron detector with pulse discrimination against Gamma rays. Nuclear Instruments and Methods 125, 1975 : 503-505.
45. DHARMAWARDANA, M.W.C.
Statistical mechanics of hydrogenic plasmas : the polarization of hydrogen levels in partially ionized hydrogenic plasmas. Proc. SLAAS. 33 (1) 1977 : 61. [Abstract].

46. DISSANAYAKE, M.A.K.L.
An investigation of the optical properties of the transition metal dioxides CrO_2 , VO_2 , MnO_2 and WO_2 from 0.2 eV to 6.0 eV in relation to the structure of the cationic d-bands. Ph.D. thesis. Indiana University (USA), 1977. (Unpublished).
47. HIRATH-BANDA, M.A.
The effect of atmospheric fluctuations on millimetric radio wave propagation. M. Phil. thesis. University of Leeds, 1976. (Unpublished).
48. KARUNARATNE, V.B.
A boundary problem in plasma, (oblique incidence). Journal of Plasma Physics **7** (3) 1972 : 513-522.
49. MALLAWARACHCHI, W.
Quantum mechanical treatment of some simple molecules. Ph.D. thesis. University of Cambridge, 1975. (Unpublished).
50. PEIRIS, Chithrananda and TENNAKONE, K.
Have you used the tuning fork correctly? Proc. SLAAS. **33** (1) 1977 : 61. [Abstract].
51. PEREIRA, W. Pearlyn D. and KATHIRGAMANATHAN, P.
An infinite optical path photoreactor and a filter for the isolation of light at 366 n.m. J. Nat. Sci. Coun., Sri Lanka **5** (1) 1977 : 41-58.
52. RATNASIRI, P.A.J.
D-region processes at equatorial latitudes. Journal of Atmospheric and Terrestrial Physics **39** (9/10) 1977 : 999-1009.

53. RATNASIRI, P.A.J.
Ionospheric radio wave propagation. In:
CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL
RESEARCH. CISIR contribution to science and
industry : Proceedings of the 21st anniversary
seminar, B.M.I.C.H., May 4-6, 1976. Colombo,
CISIR, 1977. pp. 163-178.
54. SAMUEL, T.D.M.A.
A study of the phase configuration of internal
waves of small amplitude produced by a point
disturbance in a density stratified liquid.
M.Sc. thesis. University of Manchester, 1967.
(Unpublished).
55. SUNDARALINGAM, K.
Comment on "the radial variation of g in a
spherically symmetric mass with nonuniform
density. American Journal of Physics. 42, 1974 :
783-785.
56. TENNAKONE, K.
Static electrification of dust particles in a
hot tenuous plasma. J. Nat. Sci. Coun., Sri Lanka
5 (2) 1977 : 159-161. (Short communication).
57. TENNAKONE, K. and WIJENAYAKE, R.H.
The binding energy of an electron transferred to
a solvent from halide ions. J. Nat. Sci. Coun.,
Sri Lanka 5 (2) 1977 : 157-158. (Short
communication).

54 - CHEMISTRY

541 - Physical Chemistry

58. AMIRUDIN, A.M.
Corrosion of copper and its alloys in calcium hypochlorite. Proc. SLAAS. 33 (1) 1977 : 68. [Abstract].
59. CANAGARATNA, S.G.
A thermodynamic study of r-mer / monomer systems. Ph.D. thesis. University of Liverpool, 1966. (Unpublished).
60. CANAGARATNA, S.G. and HAMPSON, N.A.
The impedance of films of lead dioxide electrodeposited on platinum. Surface Technology 5, 1977 : 163-166.
61. GUNAWARDENA, G.A.
Electrochemical nucleation. Ph.D. thesis. University of Southampton, 1976. (Unpublished).
62. GURUSWAMY, Vinodhini
Electroreduction of CO₂ in dimethyl formamide. Ph.D. thesis. University of Newcastle-Upon-Tyne, 1976. (Unpublished).
63. SELVARATNAM, M.
The limiting equivalent conductances of acid anions at 25°C. Ph.D. thesis. University of London, 1964. (Unpublished).
64. SELVARATNAM, M. and SENEVIRATNE, R.T.R.U.
Electrochemical reduction of mill scale to iron. Proc. SLAAS. 33 (1) 1977 : 69. [Abstract].

543/545 - Analytical Chemistry

65. ADAMS, D.M. and FERNANDO, W.S.
The vibrational spectrum of Ruthenocene. Journal of the Chemical Society. Dalton Transactions (22), 1972 : 2507-2511.

66. CHADWICK, A.; DUNSMUIR, J.T.R.; FORREST, I.W.;
LANE, A.P. and FERNANDO, W.S.
The vibrational spectra of hexagonal perovskites.
Part 1 : Single-crystal infrared reflectance and
Raman spectra of complex halides having the
CaNiCl₃ structure. Journ. of the Chemical Society
(A) (17) 1971 : 2794-2796.
67. FERNANDOPULLE, M.E.
Spectrophotometric determination of fluorine in
organic materials. M.Sc. thesis. University of
Birmingham, 1964-65. (Unpublished).
68. FERNANDOPULLE, M.E.
Studies with some sulphur containing ligands.
Ph.D. thesis. University of Ceylon, Colombo, 1970.
69. RAMAKRISHNA, R.S. and FERNANDOPULLE, M.E.
The spectrophotometric determination of thallium
(III) by ternary complex formation. Analytica
Chimica Acta (Netherlands) 60, 1972 : 87-92.
70. RAMAKRISHNA, R.S. and IRVING, H.M.N.H.
Studies with dithizone Pt. XX - on the non
existence of selenium dithizonate. Analytica
Chimica Acta (Netherlands) 49, 1970 : 9-17.

546 - Inorganic Chemistry

71. CHANDRATILLAKE, M.R.
Chemical effects of nuclear transformations and
radiation chemistry in inorganic solids. Ph.D.
thesis. University of Manchester, 1975.
(Unpublished).
72. ESTERLUND, R.A.; MOLZAHN, D.; BRANDT, R.;
PATZELT, P.; VATER, P.; BOOS, A.H.;
CHANDRATILLAKE, M.R.; GRANT, I.S.; HEMINGWAY, J.D.
and NEWTON, G.W.A.
Search for long-lived superheavy elements in the
reaction system $^{238}\text{U} + 9.6 \text{ Me V / nucleon}$ $^{63, 65}\text{Cu}$.
Physical Review (c) (USA) 15 (1) 1977 : 319-324.

73. CHANDRATILLAKE, M.R.; NEWTON, G.W.A. and ROBINSON, V.J.
Study of phosphorus - 32 in n-irradiated ammonium hypophosphite using different analytical techniques. Journal of Inorganic and Nuclear Chemistry (USA and UK) 38 (2) 1976 : 199-202.
74. CHIA, Lin Ying; DIAS, S.A. and McWHINNIE, W.R.
Metal-ylide complexes. II. Reactions of some pyridinium ylides with selected salts of cobalt (II), copper (II) and palladium (II). Journal of Inorganic and Nuclear Chemistry (USA & UK) 38 (7) 1976 : 1263-1267.
75. GAMMAGE, R.B.
A study of the surface and structural properties of ball milled calcium carbonate. Ph.D. thesis. University of Exeter, 1964. (Unpublished).
76. HETTIARACHCHI, S.
Passivation and corrosion of some high nickel alloys. Ph.D. thesis. University of Cambridge, 1976. (Unpublished).
77. ISMAIL, M.G.M.U.
Crystal growth of sodium iron titanium bronze compounds under hydrothermal conditions. Material Research Bulletin 11, 1976 : 1023-1030.
78. JAYATILAKA, A. de S.
Microstructure and properties of silicon nitride. Ph.D. thesis. University of Cambridge, 1975. (Unpublished).
79. KANAGARATNAM, Mangayarkarasy
Studies with the oxometal ion of Vanadium. M.Sc. thesis. Univ. of Sri Lanka, Colombo Campus, 1974. (Unpublished).
80. MALIYASENA, H.B.
Acid leaching of stannites. Ph.D. thesis. University of London, 1975. (Unpublished.)
81. MUNASIRI, B.
Some studies on lead dioxide. Ph.D. thesis. University of Manchester, 1977. (Unpublished).

82. PERERA, A.C.S. and GUNAWARDHANA, H.D.
Solvent extraction studies of iron (III), vanadium (V), titanium (IV) and Copper (II) with a new chelating ligand. Proc. SLAAS. 33 (1) 1977 : 60. Abstract.
83. RAMAKRISHNA, R.S. and GADZEMPC, V.P.Y.
Studies with Fe (III) dioximes and related systems. Proc. SLAAS., 33 (1) 1977 : 59-60. Abstract.
84. RAMAKRISHNA, R.S. and IRVING, H.M.N.H.
The non existence of selenium dithizonate. Journal of the Chemical Society. Chemical Communications (England) 1969 : 1356.
85. RAMAKRISHNA, R.S. and IRVING, H.M.N.H.
Selenium analogue of dithizone. Chemistry and Industry (England) 1969 : 325-326.
86. RAMAKRISHNA, R.S. and SENERATYAPA, D.A.T.A.
Beneficiation studies with titaniferrous minerals. Proc. SLAAS. 33 (1) 1977 : 59. Abstract
87. RAMAKRISHNA, R.S. and SENERAT YAPA, D.A.T.A.
An investigation of the interaction between Fe (III) and Ti (IV) in dilute HClO_4 and in the presence of malic acid and citric acid. Journal of Inorganic and Nuclear Chemistry (USA & UK) 39, 1977 : 333-338.
88. RAMAKRISHNA, R.S. and WILLIAMS, M.
Studies with Vanadium (V) as an oxidant for thiol compounds. Talanta (USA & UK) 24 (10) 1977 : 639-643.
89. SENERATYAPA, D.A.T.A.
Studies with Titanium (IV) and Titaniferrous minerals. M.Sc. thesis. Univ. of Sri Lanka, Colombo Campus, 1975. (Unpublished).
90. SIRTWARDENE, P.P.G.L.
Looking into metals. Proc. SLAAS. 32 (2) 1976 : 115-131.

See also no. 36

547 - Organic Chemistry

91. BANDARANAYAKE, A.D. and SANTIAPILLAI, Ramani
Development work in relation to industrial
manufacture of perfumery grade benzyl acetate and
benzyl alcohol. Proc. SLAAS.. 33 (1) 1977 : 73.
[Abstract]
92. CARMODY, M.P.; COOK, M.J.; DASSANAYAKE, D.L.;
KATRITZKY, A.R.; LINDA, P. and TACK, R.D.
Aromaticity and tautomerism. V. The basicity
and aromaticity of pyrrole, furan, thiophene and
their benzo derivatives. Tetrahedron (USA) 32 (14)
1976 : 1767-1771.
93. DE SILVA, K.T.D.; SMITH, G.N. and WARREN, K.E.H.
Stereochemistry of strictosidine. Chemical
Communications (16) 1971 : 905-907.
94. EWING, D.F.; SOTHEESWARAN, S. and TOYNE, K.J.
Evidence for α polarisation from ^{13}C - NMR spectra
of 4-phenyl-1-substituted bicyclo (2,2,2) octanes.
Tetrahedron Letters. 1977 : 2041-2044.
95. KULARATNE, K.W.S.
Reactions of hindered phenols with unsaturated
hydrocarbons. Ph.D. thesis. University of Aston,
1977. (Unpublished).
96. MUNASIRI, M.A.
A study of the interaction of hydroxocobalamin
with amino acids and peptides. M.Sc. thesis.
University of Salford, 1976. (Unpublished).

547.9 - Organic Chemistry - Natural substances (of unknown
composition)

97. ARAMBAWELA, L.S.R.
Gas chromatographic studies of the volatile
constituents of some spices and aromatic plants grown
in Sri Lanka and photochemical studies on Strychnos
chrysophylla. Ph.D. thesis. University of Sri
Lanka, Colombo Campus, 1976. (Unpublished).

98. BANDARANAYAKE, W.M.; KARUNANAYAKE, S.; SOTHEESWARAN, S.; SULTANBAWA, M.U.S. and BALASUBRAMANIAM, S.
Chemical investigation of Ceylonese plants. Part 25. Triterpenoid taxonomic markers for Stemonoporus and other genera of the Dipterocarpaceae. Phytochemistry 16, 1977 : 699-701.
99. CARPENTER, R.; SOTHEESWARAN, S.; SULTANBAWA, M.U.S. and BALASUBRAMANIAM, S.
Chemical investigation of the Anacardiaceae. Proc. SLAAS. 33 (1) 1977 : 65. Abstract.
100. DE SILVA, L.B.; DE SILVA, U.L.L.; KAMALANATHAN, G.I. and MAHENDRAN, M.
Extractives of Murraya paniculata. Proc. SLAAS. 33 (1) 1977 : 71. Abstract.
101. DE SILVA, L.B.; DE SILVA, U.L.L. and MAHENDRAN, M.
Isolation of Kokusaginine from Acronychia pedunculata (L.) Miq. Proc. SLAAS, 33 (1) 1977 : 70. Abstract.
102. FERNANDO, W.S.E.
The stabilisation of acrylonitrile butadiene styrene resin against heat and light. Ph.D. thesis. University of Aston, 1977. (Unpublished).
103. FONSEKA, Kanthi; WIDMAN, Marianne and AGURELL, Stig.
Chromatographic separation of cannabinoids and their mono oxygenated derivatives. Journal of Chromatography (Netherlands). 120, 1976 : 343-348.
104. GUNASEKERA, S.P.; JAYATILAKA, G.S.; SELLIAH, S.S. and SULTANBAWA, M.U.S.
Chemical investigation of Ceylonese plants. Part 27. Extractives of Calophyllum cuneifolium Thw & Calophyllum soulattri Berm. f. (Guttiferae). Journal of the Chemical Society. Perkin Transactions 1 (England) (13) 1977 : 1505-1511.
105. GUNASEKERA, S.P.; JAYATILAKE, G.S.; SELLIAH, S.S. and SULTANBAWA, M.U.S.
Soulattrolide, a new coumarin alcohol from Calophyllum soulattri Berm. f. (Guttiferae). In: Asian Symposium on Medicinal Plants and Spices. 3rd. Colombo, 1977. p. 22. Abstract no. 27.

106. GUNASEKERA, S.P.; KUMAR, V.; SULTANBAWA, M.U.S. and BALASUBRAMANIAM, S.
Chemical investigation of Ceylonese plants. Part 28. Triterpenoids and steroids of some Sapotaceae and their chemotaxonomic significance. Phytochemistry 16 (7) 1977 : 923-926.
107. GUNASEKERA, S.P.; SIVAPALAN, K.; SULTANBAWA, M.U.S. and OLLIS, W.D.
Chemical investigation of Ceylonese plants. Part 21. Extractives of Pentadesma butyraceae Sabine (Guttiferae). Journal of the Chemical Society. Perkin Transactions 1 (England). 1977 : 11-14.
108. GUNASEKERA, S.P. and SULTANBAWA, M.U.S.
Chemical investigation of Ceylonese plants. Part 20. Extractives of Mesua myrtifolia. Isolation and structure of a new triterpene hydroxy acid, myrtifolic acid. Journal of the Chemical Society. Perkin Transactions 1 (England) 1977 : 6-10.
109. GUNASEKERA, S.P. and SULTANBAWA, M.U.S.
Chemical investigations of Ceylonese plants. Part 22. Extractives of Trichadenia zeylanica Thw. (Flacourtiaceae); Isolation and structures of six new triterpenoids containing the friedelane skeleton. Journal of the Chemical Society. Perkin Transactions 1 (England) (5) 1977 : 483-490.
110. GUNASEKERA, S.P. and SULTANBAWA, M.U.S.
Chemical investigation of Ceylonese plants. Part 23. Extractives of Hydnocarpus octandra Thw. (Flacourtiaceae); Isolation and characterisation of six new triterpenoids. Journal of the Chemical Society. Perkin Transactions 1 (England) (4) 1977 : 418-423.
111. GUNASEKERA, S.P.; SULTANBAWA, M.U.S. and BALASUBRAMANIAM, S.
Chemical investigation of Ceylonese plants. Part 26. Triterpenes of some species of Flacourtiaceae. Phytochemistry 16 (6) 1977 : 788-789.
112. GUNATILAKA, A.A.L.
Studies on medicinal plants: an antimicrobial alkaloid from gas-bevila. Proc. SLAAS. 33 (1) 1977 : 71. [Abstract].

113. GUNATILAKA, A.A.L.; PERERA, J.S.H.Q.; SULTANBAWA, M.U.S.; THOMSON, R.H. and BROWN, M.
A new antimicrobial alkaloid from Allaeanthus zeylanicus Thw. (Moraceae). In: Asian Symposium on Medical Plants and Spices, 3rd. Colombo. 1977. p. 23. [Abstract] [No. 287]
114. GUNATILAKA, A.A.L.; SIRIWARDENE, H.M.U.; SOTHEESWARAN, S. and BALASUBRAMANIAM, S.
Alkaloids of the Catharanthus species of Sri Lanka: some preliminary studies. (Short communication). J. Nat. Sci. Coun., Sri Lanka. 4 (2) 1976 : 163-166.
115. GUNATILAKA, A.A.L.; SOTHEESWARAN, S.; BALASUBRAMANIAM, S. and SENANAYAKE, A.W.
Commercially useful steroidal sapogenins from Sri Lanka plants. Proc. SLAAS. 33 (1) 1977 : 72. [Abstract].
116. GUNAWARDANA, Y.A.G.P.
Chemistry of the endemic Dipterocarpaceae. M.Sc. thesis. University of Sri Lanka, Peradeniya Campus, 1977. 198 p. (Unpublished).
117. GUNAWARDANA, Y.A.G.P.; SULTANBAWA, M.U.S. and BLADON, P.
A novel resveratrole trimer from Vateria copallifera (Retz) Alston (Dipterocarpaceae). Proc. SLAAS. 33 (1) 1977.: 66. [Abstract].
118. HEERATH, W.H.M.W.
The chemical investigation of some local plants of the Ebenaceae and Rubiaceae families. M.Sc. thesis. University of Sri Lanka, Peradeniya Campus, 1977. (Unpublished).
119. JEYARAJ, G.L.; KUMAR, V.; PADMAPRIYA, A.A. and BALASUBRAMANIAM, S.
Plumbagin, a major constituent of Aristea ecklonii (Family Iridaceae). In: Asian Symposium on Medicinal Plants and Spices. 3rd. Colombo, 6-12, Feb. 1977. p. 21-22. [Abstract]. [No. 15].

120. JAYAWARDENE, A.L.
Economic opportunities of the essential oil industry. In: Symposium on the Development of Agriculture and Animal Husbandry under the Five Year Plan. Colombo, 10th June 1972; compiled and edited by Y.D.A. Senanayake. (1972). pp. 91-98.
121. JAYEWARDENE, A.L.; WIJESSEKERA, R.O.B.; RAJAPAKSE, Lakshmi S.; FONSEKA, Kanthi H. and WIJEEKOON, W.M.D.
Architecture of spices and essential oils. In: CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH. CISIR contribution to science and industry : Proceedings of the 21st anniversary seminar, B.M.I.C.H., May 4-6, 1976. Colombo, C.I.S.I.R., 1977. pp. 127-130.
122. KARUNANAYAKE, S.
Chemical investigations of the extractives of some species of the families Guttiferae and Dipterocarpaceae. M.Sc. thesis. University of Sri Lanka, Peradeniya Campus, 1977. (Unpublished).
123. KUMAR, N. Savitri; PAVANASASIVAM, G.; SULTANBAWA, M.U.S. and (in part) MAGESWARAN, R.
Chemical investigation of Ceylonese plants. Part 24. New chromenoflavonoids from the bark of Artocarpus nobilis Thw. (Moraceae). Journal of the Chemical Society. Perkin Transactions 1 (England) (11) 1977 : 1243-1251.
124. MAHENDRAN, M.; SIRISENA, D.M. and SIVAPALAN, A.
The sterols of some Sri Lankan marine algae. Proc. SLAAS. 33 (1) 1977 : 70. Abstract.
125. NANAYAKKARA, N.P.D.; GUNATILAKA, A.A.L. and SULTANBAWA, M.U.S.
Some triterpenoids of friedelane series from Kokoona zeylanica Thw. (Celastraceae). Proc. SLAAS. 33 (1) 1977 : 66-67. Abstract.
126. NETHSINGHA, Clodagh and PASKARANATHAN, Uma
Turmerica : a literature survey. Colombo, Ceylon Institute of Scientific and Industrial Research and National Science Council of Sri Lanka, 1976.
127. PASUPATHY, V.
Tridentoquinone a (13) (3,6) benzofuranophan from Couelus tridentinus (Boletales). Doktor Ingenieur. thesis. Technical University of Berlin, 1975.

128. PEIRIS, P.S. and SENEVIRATNE, A.S.
Occurrence of albizzine in Dialium species
(Caesalpiniaceae). Phytochemistry (USA) 16 (11)
1977 : 1821-1822.
129. RAJAPAKSE, Lakshmi Sriyani
Gas chromatographic studies of the volatile
constituents of some spices and aromatic plants
grown in Sri Lanka and phytochemical studies on
Stychnos ohyrsophylla. Ph.D. thesis. University
of Sri Lanka, Colombo Campus, 1976. (Unpublished).
130. SIRISENA, D.M. and TAKEI, H.
Synthesis of α methylene - β - lactams. Proc.
SLAAS. 33 (1) 1977 : 67. [Abstract].
131. TIRIMANNE, A.S.L.; MATHES, M.P.J.A.P. and
VIGNESWARAN, S.
Protein concentrates. In: CEYLON INSTITUTE OF
SCIENTIFIC AND INDUSTRIAL RESEARCH. CISIR contribution
to science and industry : Proceeding of the 21st
anniversary seminar, B.M.I.C.H., May 4-6, May 1976.
Colombo, C.I.S.I.R., 1977. pp. 105-106.
132. TIRIMANNA, A.S.L. and PERERA, K.P.W.C.
A new chromatographic spray for the detection of
catechins. Journal of Chromatography (Netherlands)
58 (2) 1971 : 302-303; Proc. CAAS. 23 (1) 1967 :
63. [Abstract].
133. WICKRAMASINGHE, J.A.F.
Studies on A-nor steroids. Ph.D. thesis. University
of Birmingham, 1966. (Unpublished).
134. WICKRAMASINGHE, J.A.F.; BURROWS, E.P.; SHARMA, R.K.
GREIG, J.B. and CASPI, E.
The obligatory involvement of a C₂₁ intermediate in
the biosynthesis of cardenolides from cholesterol.
Phytochemistry. 8 (8) 1969 : 1433-1440.
135. WIJESEKERA, R.O.B.
Development of natural products research at CISIR.
In: CEYLON INSTITUTE OF SCIENTIFIC AND INDUSTRIAL
RESEARCH. CISIR contribution to science and industry :
Proceedings of the 21st anniversary seminar, B.M.I.C.H.,
May 4-6, 1976. Colombo, CISIR, 1977. pp. 23-26.

136. WJJESEKERA, R.O.B.
Report on the US-Sri Lanka workshop on natural products; organised by the National Academy of Science of the United States and the National Science Council of Sri Lanka during June 1975 in Colombo. Colombo, Ceylon Institute of Scientific and Industrial Research, Natural Products Section, 1975. iv, 13 p.
137. WJJESEKERA, R.O.B.; RAJAPAKSE, Lakshmi S. and CHELVARAJAN, Doris W.
A simple thin-layer chromatographic method for separation of cinchona alkaloids. Journal of Chromatography (Netherlands) 121 (2) 1976 : 388.
138. WJJESEKERA, R.O.B.; RATNASINGHAM, K. and GEEVARATNE, D.V.M.
Technology for the essential oil industry. In: CEYLON INSTITUTION OF SCIENTIFIC AND INDUSTRIAL RESEARCH. CISIR contribution to science and industry : Proceedings of the 21st anniversary seminar, B.M.I.C.H., May 4-6, 1976. Colombo, C.I.S.I.R., 1977. pp. 143-144.
139. WOOLARD, F.X.; MOORE, R.E.; MAHENDRAN, M. and SIVAPALAN, A.
(-)-3-Bromomethyl-3-chloro-7-methyl-1,6-octadiene from Sri Lankan Chondrococcus hornemanni. Phytochemistry (USA) 15 (6) 1976 : 1069-1070.

548 - Crystallography

140. KIRTISINGHE, D.
Nucleation and crystal growth from melts. Ph.D. thesis. University of London, 1964 (Unpublished).
141. KIRTISINGHE, D.; MORRIS, P.J. and STRICKLAND-CONSTABLE, R.F.
Retardation of the rate of growth of salol crystals in capillary tubes. Journal of Crystal Growth (Netherlands) 3 & 4, 1968 : 771-775.
142. MORRIS, P.J.; KIRTISINGHE, D. and STRICKLAND-CONSTABLE, R.F.
Retardation of growth of salol crystals in the melt in capillary tubes. Journal of Crystal Growth (Netherlands) 2, 1968 : 97-105.

143. FERRERA, K.
Crystal structure of copper soaps.
Ph.D. thesis. University of Birmingham, 1974.
(Unpublished).
144. THIRUNAMACHANDRAN, T.
Theory of electronic transitions in some
molecular crystals. Ph.D. thesis. University
of London, 1961. (Unpublished).

55 - GEOLOGY AND COLLATERAL SCIENCES. METEOROLOGY.

145. DE SILVA, G.P.S.H. Compiler
Geology, gold and mineralogy. In: Nuwara
Eliya : the beginnings and its growth; compiled
by G.P.S.H. de Silva. Colombo, Dept. of
Information, 1978. pp. 37-59.
146. DOMROS, Manfred
Sri Lanka : die Tropeninsel Ceylon.
Darmstadt, Wissenschaftliche Buchgesellschaft,
1976. (Wissenschaftliche Landerkunden; Band 12).
Ch. 3, Der Naturraum Ceylon, pp. 49-126.
147. FERNANDO, L.J.D.
Administration report of the Director,
Geological Survey, for 1961-62. Colombo, Ceylon
Govt. Press, 1964. 37 p. (pp. R21-37 in English)
148. FERNANDO, L.J.D.
Administration report of the Director,
Geological Survey, for the financial year 1962-63.
Colombo, Ceylon Govt. Press, 1965. 57 p.
(pp. R53-57 in English).
149. FERNANDO, L.J.D.
Administration report of the Director,
Geological Survey [Ceylon], for 1963-64.
Colombo, Ceylon Govt. Press, 1966. 42 p. (pp. R25-
R42 in English).
150. FERNANDO, L.J.D.
Administration report of the Director,
Geological Survey, for 1964-65. Colombo, Ceylon
Govt. Press, 1966. 48 p. (pp. 29-48 in English).

151. FERNANDO, L.J.D.
Administrative report of the Director,
Geological Survey, for 1965-66. Colombo,
Dept. of Geol. Surv., 1969. 28 p.
(In English).
152. FERNANDO, L.J.D.
Administrative report of the Director,
Geological Survey, for 1966-67. Colombo,
(Geol. Surv. Dept.), 1968. 60 p. (pp. 43-
60 in English).
153. FERNANDO, L.J.D.
Administrative report of the Director,
Geological Survey, for 1967-68. Colombo, Dept.
of Geol. Surv., 1969. 62 p. (pp. 45-62 in
English).

550 - Collateral Sciences. Geophysics.

550.3 - Geophysics

154. SITHAMPARAPILLAI, P.M.
Seismic work in civil engineering investigations :
the refraction seismograph model MD. Proc. CAAS.
18 (1) 1962 : 21-22. Abstract.
155. THENUWARA, Asoka
New methods of defining the characteristics of
a reflected signal by seismic trace analysis. Ph.D.
thesis. University of London, 1975. (Unpublished).

551 - General geology. Meteorology. Climatology.

551.1/.4 - Physical Geology

156. ANON
Fighting sea erosion. Ceylon Today. 11 (12) Dec.
1962 : 22-25 & 28.
157. DISSANAYAKE, J.B.
Landslides in Sri Lanka. Engineer 1 (1) 1973 :
26-29.

158. FERNANDO, A.D.N.
Low cost tube wells using clay pipes, bamboo and other local materials for the extraction of ground water. Proc. CAAS. 29 (1) 1973 : 79.
Abstract.
159. FERNANDO, A.D.N.
The use of aerial surveys in the investigation for ground water in Ceylon. Proc. CAAS. 24 (1) 1968 : 45-46. Abstract.
160. PARANATHALA, W.E.
Flood outlets on sandy coasts : their stabilization and development. Proc. CAAS. 18 (1) 1962 : 22-23. Abstract.
161. SWAN, S.B. St C.
Characteristics of coastal sands and their depositional environments in south-west Ceylon. Journal of Tropical Geography (Singapore) 24, 1967 : 30-42.
See also no. 1

551.5 - Meteorology. Climatology.

162. ALLES, W.S. and AMARASENA, J.
A study on the incidence of agricultural drought at Maha Illuppallama. Proc. CAAS. 24 (1) 1968 : 21-22. Abstract.
163. ALLES, W.S. and RATNAYAKE, Ratnaseeli
An improved demarcation of rainfall zones of Sri Lanka. Proc. CAAS. 29 (1) 1973 : 62.
Abstract.
164. ALLES, W.S. and SANMUGAM, T.
Precipitation probabilities of raingauging stations in Ceylon, with long term records. Proc. CAAS. 25 (1) 1969 : 35-36. Abstract
165. AYYAR, P.S. Harihara
Development of meteorological services to agriculture. Water Resources (1) Jul. 1976 : 6-7.

166. CEYLON. Department of Meteorology.
Meteorological report : summary for July-September, 1960. Trop. Agric., Ceylon 116 (3) 1960-: 237-239; January-March, 1961. ibid. 117 (1) 1961 : 71-73; April-June, 1961. ibid. 117 (2) 1961 : 143-146; July-September, 1961. ibid. 117 (3) 1961 : 205-207; October-December, 1961. ibid. 117 (4) 1961 : 273-276; January-March, 1962. ibid. 118 (1) 1962 : 43-46; April-June, 1962. ibid. 118 (2) 1962 : 94-97; July-September, 1962. ibid. 118 (3) 1962 : 131-134; October-December, 1962. ibid. 118 (4) 1962 : 221-224; January-March, 1963. ibid. 119 (1) 1963 : 49-52; April-June, 1963. ibid. 119 (2) 1963 : 107-110; July-December, 1963. ibid. 119 (3/4) 1963 : 213-218; January-March, 1964. ibid. 120 (1) 1964 : 53-55; April-June, 1964. ibid. 120 (2) 1964 : 145-148; July-December, 1964. ibid. 120 (3/4) 1964 : 229-231; January-March, 1965. ibid. 121 (1/2) 1965 : 81-87; July-September, 1965. ibid. 121 (3/4) 1965 : 157-163; January-June, 1966. ibid. 122 (1/2) 1966 : 95-99; July-September, 1966. ibid. 122 (3/4) 1966 : 169-175; January-June, 1967. ibid. 123 (1/2) 1967 : 79-84; July-December, 1967. ibid. 123 (3/4) 1967 : 161-163; January-June, 1968. ibid. 124 (1/2) 1968 : 69-73; July-December, 1968. ibid. 124 (3/4) 1968 : 133-142; January-March, 1969. ibid. 125 (1/2) 1969 : 45-49; July-December, 1969. ibid. 126 (1) 1970 : 57-64; January-March, 1970. ibid. 126 (3) 1970 : 137-141; April-June, 1970. ibid. 126 (4) 1970 : 199-204; July-September, 1970. ibid. 127 (1) 1971 : 43-47; October-December, 1970. ibid. 127 (2) 1971 : 107-110; April-December, 1971. ibid. 128 (1/2) 1972 : 51-64; January-June, 1972. ibid. 129 (1/2) 1973 : 75-84; July, 1972 - March, 1973. ibid. 129 (3/4) 1973 : 139-150; April-September, 1973. ibid. 130 (1) 1974 : 53-61; October, 1973 - May, 1975. ibid. 131 (3/4) 1975 : 147-181; June, 1975 - June 1976. ibid. 132 (1) 1976 : 67-81.
167. CEYLON. Department of Meteorology.
Report for 1968, by G.S. Jayamaha. Colombo, the Department, [1973].
168. DE MEL, I.D.T.
Progress in meteorology. Proc. SLAAS., 33 (1) 1977 : 63-64. [Abstract].

169. DOMRÖS, Manfred
The agroclimate of Ceylon : a contribution towards the ecology of tropical crops. Geographical Research. Vol. 2. Wiesbaden (Germany F.R.) Franz Steiner Verlag, 1974. 280 p.
170. DOMRÖS, Manfred
An agroclimatological land classification of Sri Lanka - (Ceylon) for tea, rubber and coconut palms. Applied Sciences and Development (W. Germany). 7, 1976 : 39-65.
171. DOMRÖS, Manfred
Climate and plantation crops in the Southeast parts of the highlands of Ceylon. Yearbook of the South Asia Institute, Heidelberg University, 3, 1968/1969 : 29-48.
172. DOMRÖS, Manfred
Zur Frage der vertikalen Niederschlagsverteilung auf Sri Lanka [Ceylon]. Vertical distribution of rainfall in the tropical highlands of Sri Lanka (Ceylon). Archiv für Meteorologie, Geophysik und Bioklimatologie, B. 25 (1) 1977 : 41-50.
173. DOMRÖS, Manfred
Zur Frage des Monsuns als "Regenbringer", untersucht am Beispiel der Insel Ceylon. Meteorologische Rundschau (W. Germany). 25, 1972 : 51-57.
174. DOMRÖS, Manfred
The rainfall pattern of the Uva basin in Ceylon. Ceylon Geographer 20, 1966-70 : 74-81.
175. DOMRÖS, Manfred
Untersuchungen der Niederschlag-shaufigkeit auf Ceylon nach Jahresabschnitten. (An investigation into the seasonal rainfall differentiation of Ceylon on the basis of the number of rainy days). Yearbook of the South Asia Institute, Heidelberg University, Band 2. 1967/68 : 70-84, 1 map.

176. DOMRÖS, Manfred
"Wet Zone" und "Dry Zone" : Möglichkeiten einer klimaökologischen Raumlagerung der Insel Ceylon. [Wet zone and Dry zone : possibilities of a climatic-ecological regional demarcation in the Isl. Ceylon]. In: Schweinfurth, u., et al. Landschaftsökologische Forschungen auf der Insel Ceylon, (1971). pp. 205-252.
177. JOACHIM, A.W.R.
Rainfall in Sri Lanka in 1975 in relation to evapotranspiration and the moisture status of the soil. Proc. SLAAS. 32 (1) 1976 : 23. [Abstract].
178. PANABOKKE, C.R.
An identification and demarcation of the distinctive agro-climatic regions of Ceylon. Proc. CAAS. 25 (1) 1969 : 37-38. [Abstract].
179. PANABOKKE, C.R. and WALGAMA, A.
The application of rainfall confidence limits to crop water requirements in dry zone agriculture in Sri Lanka. J. Nat. Sci. Coun., Sri Lanka 2 (2) 1974 : 95-113.
180. SCHWEINFURTH, U. and DOMRÖS, M.
Local wind phenomena in the central highlands of Ceylon. Bonn, Ferd. Dummlers Verlag, [197-?]. 15 p. [Repr. from Bonner Meteorologische Abhandlungen Vol. 17, 1974. Climatological Research, the Hermann Flohn 60th anniversary volume : 387-401].
181. THAMBYAHPIILLAY, George
Agro-climatological significance of the factor of rainfall variability in Ceylon. Agriculture 3, Sept. 1960 : 13-23.
182. THAMBYAHPIILLAY, George
Climatic regions of Ceylon - 1 : according to the Köppen classification. Trop. Agric., Ceylon 116 (3) 1960 : 147-177.

183. THAMBYAHPILLAY, George
Climatological research and agricultural development in the dry zone. In: Symposium on the Development of Agriculture in the Dry Zone, 1967; edited by O.S. Peries. Colombo, Ceylon Association for the Advancement of Science, 1967. pp. 18-28.
184. THAMBYAHPILLAY, George
Drought factor in Ceylon. Agriculture 6 (1) July 1966 : 32-38.
185. THAMBYAHPILLAY, George
Dry zone climatology. J. Nat. Agric. Soc., Ceylon 2, 1965 : 88-130.
186. THAMBYAHPILLAY, George
The general circulation of the atmosphere. Northern Geographer (Jaffna) 1 (1) June 1960 : 1-11.
See also no. 349

552 - Petrology. Petrography. Rocks.

187. BUTLER, J.R. and HALL, Rosemary A.
Chemical variations in members of the fergusonite-formanite series. Mineralogical Magazine (England) 32, 1960 : 392-407.
/Fergusonite-formanite series from Ceylon is listed/.
188. COORAY, P.G.
Hornblende-garnet granulites from Hatton, Ceylon. Geological Magazine (London) 109, 1972 : 37-44, 1 pl.
189. COORAY, P.G.
A note on the occurrence of beachrock along the west coast of Ceylon. Journal of Sedimentary Petrology (Okla) 38, 1968 : 650-654.
190. DAHANAYAKE, Kapila
Classification of oncoids from the upper Jurassic carbonates of the French Jura. Sedimentary Geology (Amsterdam) 18, 1977 : 337-353.

191. GUNATILAKA, Ananda
Recent carbonate sedimentation in
Connemara, Western Ireland. Estuarine Coastal
Marine Science (USA) 5 (5) 1977 : 609-629.
192. HOWIE, R.A.
Charnookites. Science Progress (England) 52,
1962 : 628-644.
[Reports of occurrence of charnockitic rocks
from Ceylon and opinions on its origin is
summarized]
193. TURNER, Francis J.
The granulite facies. In: Metamorphic
petrology : mineralogical and field aspects. N.Y.
McGraw-Hill, 1968. pp. 328-334.

553 - Economic geology. Minerals. Ores. Stones.

194. ABESINGHE, A.M. Ariya
Ceylon's mineral wealth and industrial
development. Industrial Ceylon 6 (4) Dec. 1966 :
393-401.
195. FERNANDO, L.J.D.
Prospecting for minerals in Ceylon. Industrial
Ceylon. 2 (3) Sept. 1962 : 267-271; 2 (4) Dec.
1962 : 419-422.
196. FONSEKA, J.P.R.
Mineral resources and industrial development.
Proc. SLAAS. 33 (2) 1977 : 135-148.
197. MAITHAL, Shri K.C.
Valuation of mines. Industrial Ceylon 11 (1)
June 1971 : 49-61.
198. RANKINE, Esme
The Mineral Sand Corporation, Pulmoddai. Ceylon
Today 9 (6) June 1960 : 18-21.
199. SAMARASINGHE, B.W.
A profitable mining venture. Sri Lanka Today
22 (3/4) Nov. - Dec. 1973 : 26-27.

553.3 - Iron and Manganese Ores

200. KULARATNAM, K.
Local raw material for the iron and steel industry. Industrial Ceylon 4 (3) Sept. 1964 : 231-237.

553.4 - Other metalliferous minerals (ore deposits)

Arsenic, antimony, titanium, bauxite, nickel, ilmenite, zircons, etc.

201. DISSANAYAKE, C.B.
A comparative study of the geochemistry of arsenic, antimony and bismuth in minerals from a fractionated sequence. J. Nat. Sci. Coun., Sri Lanka 5 (1) 1977 : 13-28.
202. DISSANAYAKE, C.B.
Recognition of ultramafic rocks and nickeliferous laterites in humid tropical terrains : some guidelines. (Paper read at the International Conference on Mineral Exploration Techniques in Tropical Rain Forests. Caracas, Venezuela, 1977). Caracas, Association of Geoscientists for International Development, 1977. 21 p.
(Background document, no. 3).
203. DISSANAYAKE, C.B. and VITANAGE, P.W.
Exploration for bauxite in Sri Lanka, preliminary investigations. Journal of the Geological Society of India 18 (7) 1977 : 338-343.
204. EVERS, Hans-Dieter
Ilmenite-winnung in Ceylon. Zeitschrift für Erzbergbau und Metallhüttenwesen 12 (10) 1960 : 508.
205. VAZ, Jesus Eduardo
Thermoluminescence - metamictization relations in zircon. Ph.D. thesis. The George Washington University, Washington, D.C., 1969. 54 p.
[A geophysical study of zircons from Ceylon].

206. VANCE, E.R. and ANDERSON, B.W.
Differences among low Ceylon zircons.
Mineralogical Magazine (England) 38, 1972 :
721-724.
- 553.6 - Various siliceous and oth. inorganic minerals
and earths.
- 553.61/.62 - Clays. Kaolin. Feldspar. Sands. Quartz.
207. ANON
Mineral resources and mineral based industries.
in Sri Lanka, Vein quartz and feldspar.
Kernantha 2 (9) Sept. 1975 : 21.
208. DE SILVA, Ian M.
Exploitation of beach mineral sands. Industrial
Ceylon. 4 (4) Dec. 1964 : 451-455.
209. HERATH, J.W.
Industrial clays of Ceylon. Industrial Ceylon
3 (4) Dec. 1963 : 381-388; 4 (1) March 1964 :
51-59.
210. HERATH, J.W.
Industrial potentialities of Ceylon clays.
Industrial Ceylon 3 (3) Sept. 1963 : 257-260.
211. HERATH, J.W.
The mineralogical composition of some Ceylon
dry zone clays. Trop. Agric., Ceylon 118 (2)
1962 : 47-54.
See also nos. 147, 148, 151
- 553.67 - Mica
212. DALPATADU, K.A.
Mica in Sri Lanka. Exponews 1 (7) 1976 : 27-31,
1 map.

553.8 - Precious and semi-precious stones. Gem stones.

213. ANON
Sri Lanka's gem industry. Economic Review : a people's bank publication (Colombo) Sept. 1977 : 3-15.
214. ARIYARATNA, D.H.
Gems of Sri Lanka. Colombo, [], 1978.
xii, 48 p., 5 pls.
215. FANG, J.H. and NEWNHAM, R.E.
The crystal structure of sinhalite. Mineralogical Magazine (England) 35, 1965 : 196-199.
216. GUBELIN, Edward
Ceylon, l'Ile enchantée des pierres précieuses. Orfèvre Suisse. No. 12, 1960 : 25-32; No. 1, 1961 : 26-27; No. 2, 1960 : 29-30; No. 3, 1961 : 29-30; No. 4, 1961 : 37-39; No. 5, 1961 : 34-36; No. 8, 1961 : 29-33; No. 9, 1961 : 35-37; No. 10, 1961 : 31-32; No. 11, 1961 : 39-41; No. 12, 1961 : 23-24.
217. GÜBELIN, Edward
Ekanit, ein neuer metamikter Edelstein aus Ceylon. Zeitschrift der Deutschen Gesellschaft für Edelsteinkunde (Idar-Oberstein). 40, 1962 : 14-34.
218. KULARATNAM, K.
The potential of the gem industry of Ceylon. Industrial Ceylon 10 (3) Dec. 1970 : 239-245.
219. LAGERWAY, A.A.F.
Defection of structural varieties of red gem spinels from Ratnapura, Sabaragamuwa province in Sri Lanka. Scripta Geologica No. 27, 1974 : 1-24.
220. MATHAVAN, V. and DISSANAYAKE, C.B.
Garnets of Sri Lanka : their potential as abrasives. Wear (Switzerland). 45, 1977 : 383-389.
221. NALLIAH, S.
Gem industry in Ceylon. Industrial Ceylon 11 (2) Sept. 1971 : 57-61.

222. PATTIARATCHI, D.B.; SAARI, E. and SAHAMA, Th. G.
Anandite, a new barium iron silicate from Wilagedera, North Western Province, Ceylon. Mineralogical Magazine (England) 36, 1967 : 1-4.

223. SAHAMA, Th. G.; LEHTINEN, M. and REHTILJÄRVI, P.
Natural boehmite single crystals from Ceylon. Contributions to Mineralogy and Petrology (W. Germany & USA) 39, 1973 : 171-174.
See also nos. 147, 148

553.9 - Carbonaceous mineral deposits

553.91 - Graphite

224. BATES, Robert L.
Metamorphic minerals. In: Geology of the industrial rocks and minerals. N.Y., Harper & Brothers, 1960. pp. 306-317.
[Graphite in Ceylon is described in pp. 309-313].
225. ERDOSH, G.
[A discussion of] Abiotic carbon and the formation of graphite deposits. Economic Geology and the Bulletin of the Society of Economic Geologists (USA) 67 (3) 1972 : 383-384.
[Discussion on the deposits in Ceylon].
226. GELPI, E.; NOONER, D.W. and ORÓ, J.
Isoprenoids and other hydrocarbons in terrestrial graphite. Geochimica et Cosmochimica Acta (England) 33, 1969 : 959-972.
[Natural graphite samples from Madagascar, Ceylon and Mexico which were found to contain extractable hydrocarbons are discussed].
227. HAPUARACHCHI, D.J.A.C.
Decarbonation reactions and the origin of vein-graphite in Sri Lanka. J. Nat. Sci. Coun, Sri Lanka, 5 (1) 1977 : 29-32.

228. WICKRAMA, K.A.S.
Mineral resources and mineral based
industries in Sri Lanka. Graphite. Karmantha.
2 (6) June 1975 : 20-21; 2 (7) July 1975 : 18.
See also nos. 2, 151

553.97 - Feat

229. FERNANDO, Harendra
Feat : its origin and nature. Karmantha. 4
(10) Oct. 1977 : 16-19.

56 - PALAEONTOLOGY. FOSSILS.

230. SOMANADER, S.V.O.
Fossil-crabs of Kuchchaveli. Loris 8 (5)
1960 : 294-295.

574 - GENERAL BIOLOGY

231. DE SILVA, Nihal
The wealth of the sea around us. Ceylon Today
12 (12) 1963 : 22-25.

575 - Genetics

232. ABEYWARDENA, V.
An application of principal component analysis
in genetics. Journal of Genetics (India) 61 (1)
1972 : 27-51.
233. GUNATILLEKE, I.A.U.N.
Biochemistry and genetics of mitochondrial
function in *Aspergillus nidulans*. Ph.D. thesis.
University of Cambridge, 1975. (Unpublished).

234. GUNATILLEKE, I.A.U.N.; ARST, H.N. jr.
and SCAZZOCCHIO, C.
Three genes determine the carboxin
sensitivity of mitochondrial succinate
oxidation in Aspergillus nidulans. Genetical
Research (Cambridge) 26, 1976 : 297-305.
235. GUNATILLEKE, I.A.U.N.; SCAZZOCCHIO, C.
and ARST, jr. H.N.
Carboxin resistant mutants of Aspergillus
nidulans. Heredity (England) 32, 1974 :
285-288. Abstract.
236. GUNATILLEKE, I.A.U.N.; SCAZZOCCHIO, C.
and ARST, jr. H.N.
Cytoplasmic and nuclear mutations to
chloramphenicol resistance in Aspergillus
nidulans. Heredity (England) 33, 1974 : 452-
453. Abstract.
237. JAYASEKARA, N.E.M.
Analysis of interactions in Nicotiana rustica.
Ph.D. thesis. University of Birmingham, 1974.
(Unpublished).
238. JAYASEKERA, N.E.M. and JINKS, J.L.
Effect of gene dispersion on estimates of
components of generation means and variance.
Heredity (England) 36, 1976 : 31-40.
239. JINKS, J.L.; JAYASEKERA, N.E.M. and
BONGHAY, H.
Joint selection for both extremes of mean
performance and of sensitivity to a macro-
environmental variable. Heredity (England)
39 (3) 1977 : 345-355.

576.8 - Microbiology. Bacteriology.

240. ALLES, L.A.C. and SOMARATNE, A.M.L.B.
Determination of microbiologically adequate processing conditions for canned rice meals. Proc. CAAS. 30 (1) 1974 : 127. [Abstract]
241. ARSECULERATNE, S.N.
The toxins of Clostridium sordellii. D. Phil. thesis. University of Oxford, 1964-65. (Unpublished).
242. ARSECULERATNE, S.N. and BANDUNATHA, C.H.S.R.
The determination of aflatoxin producing capacity of strains of Aspergillus flavus. Proc. CAAS. 25 (1) 1969 : 32. [Abstract].
243. ARSECULERATNE, S.N. and BANDUNATHA, C.H.S.R.
Variation of aflatoxin content of cultures of Aspergillus flavus with duration of incubation and its relation to studies on aflatoxin production. Journal of Applied Bacteriology (USA) 35 (1) 1972 : 43-52.
244. ARSECULERATNE, S.N.; DE SILVA, L.M.; BANDUNATHA, C.H.S.R.; TENNEKON, G.E.; WIJESUNDARA, S. and BALASUBRAMANIAM, K.
The use of tadpoles of Bufo melanostictus (Schneider), Rhizophorus leucomystax maculatus (Gray) and Uperodon sp. in the bioassay of aflatoxins. British Journal of Experimental Pathology 50, 1969 : 285-294.
245. ARSECULERATNE, S.N.; DE SILVA, L.M.; WIJESUNDARA, S. and BANDUNATHA, C.H.S.R.
Coconut as a medium for the experimental production of aflatoxin. Applied Microbiology (USA) 18, 1969 : 88-94.
246. ARSECULERATNE, S.N.; PANABOKKE, R.G.; PERERA, P.A.J. and WIJESUNDARA, S.
Further investigations on the enzymes present in the toxin of Clostridium sordellii. Proc. CAAS. 22 (1) 1966 : 14. [Abstract].

247. ARSECULARATNE, S.N.; PANABOKKE, R.G.
and TENNEKOON, G.E.
Toxic effects of 'Kottaikilangu' (Borassus flabellifer) in rats. Proc. CAAS. 26 (1) 1970 : 26-27. Abstract
248. ARSECULARATNE, S.N.; PANABOKKE, R.G.;
TENNEKOON, G.E. and BANDUNATHA, C.H.S.R.
Toxic effects of Borassus flabellifer (palmyrah palm) in rats. British Journal of Experimental Pathology 52, 1971 : 524.
249. ARSECULARATNE, S.N.; SAMARAJEWA, U. and
WELIANGA, L.V.
Control of aflatoxin contamination - 1.
Inhibition of aflatoxin accumulation in smoked substrates; its possible use in field control of aflatoxin contamination. Proc. CAAS. 30 (1) 1974 : 35-36. Abstract
250. ARSECULARATNE, S.N. and TENNEKOON, G.E.
Histological reactions of the tadpole liver to toxic compounds : the specificity of the aflatoxin induced nuclear abnormalities. Proc. CAAS. 27 (1) 1971 : 12-15. Abstract
251. ARSECULARATNE, S.N.; WIJESUNDERA, S.;
TENNEKOON, G.E.; BALASUBRAMANIAM, K. and
DE SILVA, L.M.
Aflatoxins I : a new method for the bioassay of aflatoxins. Proc. CAAS. 25 (1) 1967 : 15. Abstract
252. BALASUBRAMANIAM, K.; ARSECULARATNE, S.N.;
WIJESUNDERA, S. and TENNEKOON, G.E.
Aflatoxins II : The effect of aflatoxins on rat liver lysosomes. Proc. CAAS. 25 (1) 1967 : 15-16. Abstract
253. DASSANAYAKE, L.
Investigations on Pseudomonas pseudomallei and melioidosis. Ph.D. thesis. University of Edinburgh, 1975. (Unpublished).
254. DE FONSEKA, R.N.; KULASOORIYA, S.A.;
VINAYAGAMOORTHY, T. and KARTHIGESAR, J.
The bacterial content of some drinking and bathing waters in and around Peradeniya. Proc. CAAS. 29 (1) 1975 : 95. Abstract

255. DE SILVA, L.M.; ARSECULERATNE, S.N.;
WIJESUNDERA, S. and BANDUNATH, C.H.S.R.
Coconut as a medium for the experimental
production of aflatoxin. Proc. CAAS. 24 (1)
1968 : 10. Abstract
256. DE SILVA, N.N. and MENDIS, A.H.W.
Bacteriology of chilled water during the
preservation of fish. Bull. Fish. Res. Stn.,
Ceylon 16 (1) 1963 : 1-8.
257. DE SILVA, N.N. and MENDIS, A.H.W.
Survival of Staphylococci on frozen fish.
Bull. Fish. Res. Stn., Ceylon 16 (2) 1963 :
11-18.
258. DIAS, P.E. and KULARATNE, K.S.
A study on the grey discoloration in sliced
cooked ham. Proc. CAAS. 28 (1) 1972 : 52.
Abstract
259. FERNANDO, P.C.B.; NANDADASA, H.G. and
PAULIS, D.V.N.M.
A technique to investigate some aspects of the
growth kinetics of bacterial colonies on agar
media. J. Nat. Sci. Coun., Sri Lanka, 4 (2)
1976 : 109-119.
260. GUNASEKERA, S.A. and SUMANAWERA, H.A.N.
Control of sap-stain on rubber (Hevea
braciliensis) wood treated by the boron
diffusion process. Proc. CAAS. 29 (1) 1973 :
110-111. Abstract
261. GUNATILLAKE, P.D.P.
The virulence of C. diphtheriae - an epidemiological
and immunological study. Ph.D. thesis. University
of Manchester, 1967. (Unpublished).
262. IYER, K. Sangara; WICKREMASINGHE, R.S.B.;
DE SILVA, L.B. and DE SILVA, Tuley
Antibacterial action of Coleus aromaticus. Proc.
SLAAS., 33 (1) 1977 : 9. Abstract.
263. JANSZ, E.R.; PIERIS, Nirmala; JEYA RAJ, E.E.
and DE SILVA, Nimali.
Cultivation, isolation, purification and some
properties of the enzyme glucoamylase from
Aspergillus niger. J. Nat. Sci. Coun., Sri Lanka.
5 (1) 1977 : 59-74.

264. JAYATILAKA, A.D.P. and MAXWELL, D.S.
An ultrastructural investigation of the effects of aflatoxins B₁ on the hepatocytes of Xenopus laevis (Daudin) tadpoles. Proc. CAAS. 29 (1) 1973 : 46-47. [Abstract]
265. JEYA RAJ, E.E.
Aspects of microbiological deterioration of materials. Proc. CAAS. 27 (2) 1971 : 210-229.
266. KIRUPANANTHAN, S.; JAYATILAKA, A.D.P. and SAMARAJEWA, U.
An electron microscopic study of livers in Rhacophorus leucomystax maculatus tadpoles treated with aflatoxin B₁. Proc. CAAS. 29 (1) 1973 : 45-46. [Abstract]
267. MACNEILL, B.H. and SABANAYAGAM, J.V.
The induction of dodine tolerance in Fusarium Oxysporum f. melonis. A technique applicable to the study of bionomics of soil-borne fungal pathogens. Canadian Journal of Microbiology 14, 1968 : 1262-1263.
268. MEEDENIYA, Kamin; TILLEKERATNE, H.A.; SIVAPATHAM, S. and PASCAL, T.D.
Bacteriological survey of ice cream sold in the city of Colombo. Proc. CAAS. 27 (1) 1971 : 62-63. [Abstract]
269. MENDIS, A.H.W. and DE SILVA, N.N.
Bacteriology of commercially produced ice and its significance in fish handling. Proc. CAAS. 22 (1) 1966 : 13. [Abstract]
270. NAVARATNAM, C.; ARSECULARATNE, S.N.; HERMON, Yvette E. and KUGANESAN, K.
Staphylococcus aureus in Ceylon. Biological properties including phage types and antibiotic sensitivity patterns. Proc. CAAS. 25 (1) 1969 : 31. [Abstract]
271. PEIRIS, J.S.M.; ARSECULARATNE, S.N.; KUMARAKULASINGHE, C.B.; MARATHAPPU, K. and EDWARDS, R.
Bacteriological aspects of ileal perforation complicating typhoid. Proc. SLAAS. 32 (1) 1976 : 13-14. [Abstract]

272. PINTO, M.R.M.; ARSECULARATNE, S.N.; NAVARATNAM, C.; KARALLIYADDA, J.B.; GUNARATNE, M.M. and WELLANGE, L.V.
The mycobacteria of the Ceylon environment :
1. A preliminary study. Proc. CAAS. 28 (1) 1972 : 23-24. [Abstract]
273. PINTO, M.R.M.; ARSECULARATNE, S.N.; URAGODA, C.G. and DASAN, P.
Drug resistance of Mycobacterium tuberculosis in Ceylon. 1. Pre-treatment strains. Proc. CAAS. 27 (1) 1971 : 18-19. [Abstract]. 2. Re-treatment strains. ibid. 27 (1) 1971 : 19-20. [Abstract]
274. PINTO, M.R.M.; ARSECULARATNE, S.N.; URAGODA, C.G. and WELLANGE, L.V.
The identity of mycobacterial infections in Ceylon as determined by the differential tuberculin test. Proc. CAAS. 28 (1) 1972 : 21-23. [Abstract].
275. PINTO, M.R.M.; ARSECULARATNE, S.N.; URAGODA, C.G. and WELLANGA, L.V.
Immunological reactions in mycobacterial infections. 3. Geographical variation in sensitivity to PPD antigens in Ceylon. Proc. CAAS. 27 (1) 1971 : 20-21. [Abstract]
276. PINTO, M.R.M.; ARSECULARATNE, S.N. and WELLANGA, L.V.
Immunological reactions in mycobacterial infections. 4. the Kaolin agglutination test (KAT) in leprosy. Proc. CAAS. 27 (1) 1971 : 21-22. [Abstract].
277. SAMARAJEWA, U. and ARSECULARATNE, S.N.
Control of aflatoxin contamination - 2. Detoxification of aflatoxin contaminated coconut oil. Proc. CAAS. 30 (1) 1974 : 36-37. [Abstract].
278. SAMARAJEWA, U. and ARSECULARATNE, S.N.
Methods for estimation of aflatoxins in coconut products. Proc. CAAS. 28 (1) 1972 : 31-32. [Abstract].
279. SAMARAJEWA, U.; ARSECULARATNE, S.N. and BANDUNATHA, C.H.S.R.
Degradation of aflatoxins in coconut oil and copra meal (poonac). J. Nat. Sci. Coun., Sri Lanka 5 (1) 1977 : 1-12.

280. SAMARAJEWA, U.; CHARAVANAPAVAN, N. and
JAYATILAKA, A.D.P.
An electron microscopic study of livers of
ducklings treated with aflatoxin B₁. Proc.
CAAS. 29 (1) 1973 : 47-48. [Abstract].
281. TITTAWELA, I.P.B.
Investigation of some rifampic in mutants of
Escherichia coli. M.Sc. thesis. University of
Edinburgh, 1973-74. (Unpublished).
282. TITTAWELA, I.P.B.
Studies on the control of Escherichia coli.
Ph.D. thesis. University of Edinburgh, 1975.
(Unpublished).
283. VELAUDAPILLAI, T.; NILES, G.R. and
NAGARATNAM, W.
Salmonellae, shigellae and enteropathogenic
E. coli, in uncooked food. Proc. CAAS. 23 (1)
1967 : 12. [Abstract].
284. VELAUDAPILLAI, T. and TILLEKERATNE, H.A.
Incidence of salmonellae in desiccated coconut
mills. Proc. CAAS. 25 (1) 1969 : 19. [Abstract].
285. VELAUDAPILLAI, T.; TILLEKERATNE, H.A. and
DABARA, M.M.I.
Investigations on the control of bacterial
organisms in the manufacture of desiccated coconut.
Proc. CAAS. 25 (1) 1969 : 20. [Abstract].
286. VINAYAGAMOORTHY, T. and SENEVIRATNE, B.
Antibacterial action of extracts from the bark
of "Hal" (Vateria copallifera, Dipterocarpaceae)
and "Kahata" (Careya arborea, Lecythydaceae).
Proc. CAAS. 30 (1) 1974 : 68. [Abstract].

577.1 - Biochemistry : Enzymes, Fermentation,
Vitamins, etc.

287. AGURELL, S.; BINDER, M.; FONSEKA, K.;
LINDGREN, J.-E.; LEANDER, K; MARTIN, B.;
NILSSON, I.M.; NORDQVIST, M.; OHLSSON, A.
and WIDMAN, M.
Cannabinoids : metabolites hydroxylated in
pentyl side chain. In: NAHAS, Gabriel G. ed.
Marihuana : chemistry, biochemistry and cellular
effects. Berlin, Springer-Verlag, 1976. pp.
141-157.
288. BASNAYAKE, V.; KOTTEGODA, S.R. and
WIKRAMANAYAKE, T.W.
Sinhalese technical terms in physiology and
biochemistry. Proc. CAAS. 17 (1) 1961 : 10.
[Abstract]
289. GUNSTONE, F.D.; WIJESUNDERA, R.C.; LOVE, R.M.;
ROSS, D.
Relative enrichment of furan-containing fatty
acids in the liver of starving cod. Journal of
Chemical Society, Chemical Communication (16)
1976 : 630-631.
290. HETTIARACHCHI, K. and WIDMAN, M.
Dihydroxylated metabolites of cannabinol formed
by rat liver infistro. Journal of Pharmacy and
Pharmacology (England) 1977 : 13-14.
291. JAYATISSA, P.M.
Binding properties of the cell wall of
Saccharomyces cerevisiae. Ph.D. thesis.
University of Bath, 1976. (Unpublished).
292. JAYATISSA, P.M. and ROSE, A.H.
Involvement of wall components in adsorption of
silicone antifoam to Saccharomyces cerevisiae.
Journal of the Institute of Brewing (England) 83,
1977 : 308-312.
293. JAYATISSA, P.M. and ROSE, A.H.
Role of wall phosphomannan in flocculation of
Saccharomyces cerevisiae. Journal of General
Microbiology (England) 96, 1976 : 165-176.

294. JEGATHEESAN, K.A.
Studies on the different types of acid phosphatases. Proc. CAAS. 20 (1) 1964 : 2.
[Abstract]
295. KARUNANAYAKE, U.P.A.E.H.
The metabolism of streptomycin. Ph.D. thesis. University of London, 1975. (Unpublished).
296. KALYANANDA, M.K.G.S.; JANSZ, E.R. and JEYARAJ, E.E.
Sulphydryl group determination by amperometric methods and its application to studies with coconut toddy. J. Nat. Sci. Coun., Sri Lanka, 4 (2) 1976 : 121-138.
297. RATNASOORIYA, W.D.
Effects of extracts of Asterocantha longifolia on urine output in rabbits. Proc. CAAS. 30 (1) 1974 : 86. [Abstract]
298. RATNASOORIYA, W.D.; KOTAGAMA, S.W. and SUNIL KUMARA, G.A.W.
A study of some herbal extracts that influence the clotting of 'Bovine blood'. Proc. CAAS. 30 (1) 1974 : 86-87. [Abstract]
299. SAMARAJEWA, U.; DASSANAYAKE, M. and WIJERATNE, M.C.P.
Some observations on composition and formation of "rabath". Proc. SLAAS. 33 (1) 1977 : 52.
[Abstract]
300. SIRIWARDENE, J.A. de S.
The hydrolysis of proteins for amino acid analysis. Cey. Vet. J. 16 (3) 1968 : 45-49.
301. THEIVENDIRAJAH, K.; DASSANAYAKE, M.D. and JAYASEELAN, K.
Studies on the fermentation of kitul (Caryota urens) sap. Cey. J. Sci. (Bio. Sci.) 12 (2) Nov. 1977 : 147-150.
302. THEIVENDIRAJAH, K. and JAYASEELAN, K.
An evaluation of the methods employed in the preservation of kitul sap. Cey. J. Sci. (Bio. Sci.) 12 (2) Nov. 1977 : 151-155.

303. THEIVENDIRARAJAH, K. and JAYASEELAN, K.
An evaluation of the methods employed for
the preservation of Kitul sap. Proc. CAAS.
30 (1) 1974 : 89-90. Abstract
304. THEIVENDIRARAJAH, K.; JAYASEELAN, K. and
DASSANAYAKE, M.D.
Studies on the fermentation of Kitul (Caryota
urens) sap. Proc. CAAS. 29 (1) 1973 : 94.
Abstract.
305. WICKREMASINGHE, R.G.
Studies on the purification and properties of
mammalian low molecular weight DNA polymerase.
Ph.D. thesis. University of London, 1975.
(Unpublished).
306. WIKRAMANAYAKE, T.W.
The chemical basis of disease. Proc. CAAS.
22 (2) 1966 : 79-110.

577.3 - Biophysics. Radiobiology.

307. DISSANAIKE, G.A.
A study of the synthesis of nuclear protein in
normal and leukaemic cells, using interference
microscopy. Proc. CAAS. 18 (1) 1962 : 3-4.
Abstract
308. FERNANDO, P.L.T.
The quality of the x-ray image in diagnostic
radiology. Proc. CAAS. 28 (1) 1972 : 132-133.
Abstract
309. GEMBICKI, M.; HERATH, K.B.; PIYASENA, R.D.
and WIKRAMANAYAKE, T.W.
Evaluation of radioisotope renogram in normal
subjects. Proc. CAAS. 28 (1) 1972 : 37-38.
Abstract

577.4 - Bioecology

310. ARUDPRAGASAM, K.D.
Seasonal and diurnal variation in salinity and water movements in Jaffna Lagoon, Ceylon. Estuarine and Coastal Marine Science (USA) 2, 1974 : 251-259.
311. ARUDPRAGASAM, K.D.
Zonation on two shores on the west coast of Ceylon. Journal of the Marine Biological Association of India 12 (1/2) 1970 : 1-14.
312. DESAUNETTES, J.R.
Explanatory notes to the map of the morpho-ecological regions (MER) of the zet zone, Sri Lanka. Peradeniya, FAO and Ministry of Plantation Industries, 1974. 24 p., 1 map.
313. HOFFMANN, Th. W.
Conserve or perish. Loris 15 (3) 1974 : 153-154.
314. HOFFMANN, Th. W.
Coral exploitation on the east coast. Multiple illegal activities. Loris 14 (3) June 1977 : 173-174.
315. HOFFMANN, Th. W.
Major threat to oldest wildlife reserve. Loris 14 (3) June 1977 : 133-137.
316. HOFFMANN, Th. W.
Report on Wasgomuwa. Loris 14 (4) Dec. 1977 : 194-197.
317. KURUPPU, R.I.C.
Environmental education (paper presented at the seminar held in Udaipur, Rajasthan 26-12-76 to 30-12-76). Loris 14 (3) June 1977 : 144-146.
318. TACKLER, A.S.A.
Wild life resources of Ceylon. Ceylon Forrester (N.S.) 5 (3) 1962 : 139-141.
319. RATNAYAKE, W.E.
Environmental mutagens. Proc. CAAS 29 (1) 1973 : 101. [Abstract].

320. SRIDAS, S.

Notes on a reconnaissance survey for the integrated development of the Walawe Basin of Ceylon. Ceylon Forrester (N.S.) 6 (3/4) 1964 : 121-125.

58 - BOTANY

321. SRI LANKA UNIVERSITY. Colombo Campus.

Post-graduate courses in the Dept. of Botany. Colombo Campus, [1976]. 4 p.

581 - General botany. Plant biology.

581.1 - Plant physiology and metabolism

322. DE SILVA, B.L.T.

Some aspects of growth and development in plants. Proc. CAAS. 18 (2) 1962 : 36-48.

323. DEVANATHAN, M.A.V.

The quantification of climatic constraint on plant growth. Tea Q., 45 (3/4) 1975 : 43-72.

324. HERATH, H.M.W.

Effect of temperature on plant growth : a review. J. Nat. Agric. Soc., Ceylon 8, 1971 : 48-61.

325. KUMARASINGHE, Rohini M.K. and NUTMAN, P.S.

Rhizobium stimulated callose formation in clover root hairs and its relation to infection. Journal of Experimental Botany (England) 28 (105) 1977 : 961-976.

326. NATHANAEL, W.R.N.

Some phytochemical aspects of mineral nutrition. Proc. CAAS. 17 (2) 1961 : 135-173.

327. ONG HEAN TATT

Climate changes in water balance and their effects on tropical flowering. Planter (Malaysia) 52 (602) 1976 : 174-179.

328. PEMADASA, M.A. and JEYASEELAN, K.

Further observations on stomatal responses to sodium azide. New Phytologist (England) 78, 1977 : 83-89.

329. PEMADASA, M.A. and KANGATHARALINGAM, N.
Factors affecting germination of some
composite. Cey. J. Sci. (Bio. Sci.) 12 (2)
Nov. 1977 : 157-168.
330. PEMADASA, M.A. and KORALEGE, S.
Stomatal responses to 2, 4 dinitrophenol. New
Phytologist (England) 78, 1977 : 573-578.
331. ROBERTS, G.R.
Permeability of the chloroplast membrane to
photosynthetic intermediates. Ph.D. thesis.
University of London, 1969. 202 p. (Unpublished).
332. SATCHUTHANANTHAVALI, R.
Hormonal aspects of regeneration in Taraxacum
officinale Weber. Ph.D. thesis. University of
Sheffield, 1966. (Unpublished).
333. STEWARD, F.C.; CRAVEN, G.H.; WEERASINGHE, S.P.R.
and BIDWELL, R.G.S.
Effect of prior environmental conditions on the
subsequent uptake and release of carbon dioxide in
the light. Canadian Journal of Botany. 49 (11)
1971 : 1999-2007.
334. WAIDYANATHA, U.P. de S.; PATHIRATNE, L.S.S.
and ARIYARATNE, W.A.
Studies on inoculation of cover legumes for
improving nitrogen fixation. Jl. Rubb. Res. Inst.
Sri Lanka 54, pt. 1, no. 2, 1977 : 284-290.

See also no. 394
- 581.19 - Plant biochemistry
335. DE SILVA, L.B. and RODRIGO, S.I.
Occurrence of dulcitol as an exudate. Proc. CAAS.
23 (1) 1967 : 62. [Abstract].
336. SANDERSON, G.W. and PERERA, B.P.M.
Removal of polyphenolic compounds interfering
with carbohydrate determinations in plant extracts
with an insoluble polyphenol absorbant. Analyst
(England). 91, 1966 : 335-336.

337. SELVENDRAN, R.R.
Analysis of cell wall material from plant tissues : extraction and purification. Phytochemistry (USA) 14 (4) 1975 : 1011-1017.
338. SELVENDRAN, R.R. and ISHERWOOD, F.A.
A method for the determination of sucrose-6-phosphate and glucose-1, 6-diphosphate in plant tissue. Phytochemistry (USA) 9, 1969 : 533-536.
339. YAPA, P.A.J. and SPANNER, D.C.
The effect of protease digestion (in situ) on the slime substance of mature sieve tubes. Planta (W. Germany). 107, 1972 : 89-96.
340. YAPA, P.A.J. and SPANNER, D.C.
Isoelectric focussing of sieve tube proteins. Planta (W. Germany). 106, 1972 : 369-373.

581.4 - Plant morphology

341. GOONASEKERA, G.A.J.P.R.
A general regression equation for the estimation of leaf areas. Proc. SLAAS. 33 (1) 1977 : 22.
[Abstract]

581.5 - Plant ecology

342. BLASCO, F.
Montagnes du Sud de l'Inde : Forêts, Savanes, Écologie. Institut français de Pondichery. Travaux de la Section scientifique et technique. 10 (1) 1971 : 1-436.
343. DE ALWIS, K.A. and ERIYAGAMA, G.J.
Some observations on soil-vegetation relationships in the lowland dry zone of Ceylon. Ceylon Forester (N.S.) 9 (1/2) 1969 : 53-76, 2 maps.
344. DE ROSAYRO, R.A.
The nature and origin of secondary vegetational communities in Ceylon. Ceylon Forester (N.S.) 5 (1/2) 1961 : 23-49.

345. DITTUS, W.P.J.
The ecology of a semi-evergreen forest community in Sri Lanka. Biotropica (USA) 9 (4) 1977 : 268-286.
346. EDUSSURIYA, Sarath
A hike in the Knuckles range. Loris 14 (4) Dec. 1977 : 222-224.
347. ERIYAGAMA, G.J.
The semi-arid vegetation in Mannar region. (A note on its ecological significance). Ceylon Forester (N.S.) 5 (1/2) 1961 : 66-81.
348. GAUSSEN, H.; LEGRIS, P.; VIART, M.; and LABROUE, L.
Carte internationale du tapis vegetal et des conditions ecologiques á 1/1,000,000. (International map of the vegetation and of environmental conditions at 1/1,000,000). Notice de la feuille Ceylon. Travaux de la Section scientifique et technique de l'Institut francais de Pondichery. Hors serie no. 5, 1965 : 1-79, 5 pls.; Reprinted: Explanatory notes on the vegetation map of Ceylon, by H. Gaussen and others. Colombo, Ceylon Govt. Press, 1968. 72 p.
349. LABROUE, L.; LEGRIS, P. and VIART, M.
Bioclimats du sous-continent Indien. Travaux de la section scientifique et technique de l'Institut Francais de Pondichery. 3 (3) 1965 : 1-32, 3 maps.
350. LEGRIS, P.
La vegetation de l'Inde : Ecologie et Flore. Institut francais de Pondichery. Travaux de la Section scientifique et technique. 6, 1963 : 1-596.
351. LEGRIS, P. and BLASCO, F.
Variabilite des facteurs du climat : cas des montagnes du sud de l'Inde et de Ceylan. Travaux de la Section scientifique et technique de l'Institut francais de Pondichery 8 (1) 1969 : 1-95.
352. MEIJER, Willem
Conservation of primary forests in Sri Lanka (Ceylon). Biological Conservation (England) 5 (2) 1973 : 147-148.

353. MUELLER-DOMBOIS, D.
Ecogeographic analysis of a climate map of Ceylon with particular reference to vegetation. Ceylon Forester (N.S.) 8 (3/4) 1968 : 39-48, 1 map.
354. PERERA, N.P.
The human influences on the natural vegetation of the Sri Lanka highlands. Vidyodaya Journal of Arts, Science and Letters 5 (1/2) 1972-76 : 13-28.
355. SCHWEINFURTH, U.; MARBY, H.; WEITZEL, K.; HAUSHERR, K. and DOMBRÖS, M.
Landschaftsökologische Forschungen auf der Insel Ceylon /Regional ecological studies in Ceylon/. Wiesbaden (W. Germany), Franz Steiner Verlag GmbH, 1971. 232 p. (Geographische Zeitschrift : Erdkundliches Wissen, Heft 27).
See also nos. 34, 169, 176

582 - SYSTEMATIC BOTANY. PLANT TAXONOMY.

356. ABEYWICKRAMA, B.A.
The Pteridophytes of the Knuckles region. Cey. J. Sci. (Bio. Sci.) 5 (1) 1965 : 18-29.
357. AMARATUNGA, K.L.D.
Aeschynomene americana L., a new record for Sri Lanka. Trop. Agric., Ceylon 128 (1/2) 1972 : 43-46.
358. ARULCHELVAM, K.
Mangroves. Ceylon Forester (N.S.) 8 (3/4) 1968 : 59-92.
359. ARULCHELVAM, K.
Mangroves. Karmantha 5 (1) Jan. 1977 : 5-6.
360. CEYLON. Orchid Circle.
An introduction to orchid culture. Colombo, Swabasha Prakashakayo, 1966. 24 p.
361. CHINNAKONE, Rex
Flesh-eating plants. Loris 11 (2) 1967 : 112-113.

362. CRAMER, L.H.
The significance of the indigenous flora
in the areas of the Mahaweli Complex. Sri
Lanka Forester (N.S.) 13 (1/2) 1977 : 9-18.
363. DASSANAYAKE, M.D.
The development of buds on the Rhizome of
Polypodium vulgare L. Cey. J. Sci. (Bio. Sci.)
5 (1) 1964 : 30-37, 1 pl.
364. DE SILVA, Ian M.
Some medicinal and poisonous plants of Sri
Lanka. Loris. 14 (3) 1977 : 175-178; ibid.
14 (4) Dec. 1977 : 219-221.
365. DURAIRATNAM, M.
Seaweeds. Bull. Fish. Res. Stn., Ceylon 17 (2)
1964 : 265-267.
366. EKANAYAKE, D.T.
The anatomy of Rhododendron zeylanicum Booth
(R. arboreum sensu Trin.) Cey. J. Sci.
(Bio. Sci.) 4 (2) 1962 : 96-111.
367. EKANAYAKE, D.T.
The culture of flowering plants in the low and
mid country of Ceylon. Cultural notes on some
annuals and perennials suitable for the low and
mid country. Trop. Agric., Ceylon 116 (3) 1960 :
205-225.
368. EKANAYAKE, D.T.
Dendrobiums for the cut-flower trade. Colombo,
Dept. of Agriculture, 1970. 14 p.
369. EKANAYAKE, D.T.
Variations in floral structure of Laeliocattleya
Florine Ball. Trop. Agric., Ceylon 118 (1) 1962 :
31-39.
370. HEMAPRIYA, B.H.
Ceylon's sea weed resources. Ceylon Today 12,
June 1963 : 12-14.

371. HERAT, Tissa R. and THEOBALD, W.L.
Comparative studies of vegetative anatomy
in the Theaceae of Sri Lanka. Botanical
Journal of the Linnean Society (London) 75 (4)
1977 : 375-386.
372. IBRAHIM, M.N.M. and BALASUBRAMANIAM, S.
Edible aroids of Sri Lanka. Proc. SLAAS.
33 (1) 1977 : 29. [Abstract]
373. INOUE, H. and MILLER, H.A.
Some noteworthy liverworts from Ceylon. Bull.
Nat. Sci. Mus. Tokyo. 10 (1) 1967 : 11-17.
374. JAYAWEERA, D.M.A. and HOWARD, R.A.
The genus Duabanga in cultivation. Baileya
(USA) 10, 1962 : 8-13.
375. KANNANGARA, C.G.
Stemonitis flavogenita Jahn - a myxomycete new
to Ceylon. Cey. J. Sci. (Bio. Sci.) 4 (2) 1962 :
112-113.
376. KANNANGARA, T. and BOOTH, A.
Diffusible cytokinins in shoot apices of
Dahlia variabilis. Journal of Experimental Botany
(England). 25 (85) 1974 : 459-467.
377. KOSTERMANS, A.J.G.H.
Miscellaneous botanical notes. Cey. J. Sci.
(Bio. Sci.) 12 (2) Nov. 1977 : 125-138. 3 pls.
378. KOSTERMANS, A.J.G.H.
Notes on Ceylonese ebony trees (Ebenaceae). Cey.
J. Sci. (Bio. Sci.) 12 (2) Nov. 1977 : 89-108,
1 pl.
379. KUGATHASAN, K.S.
The distribution of mangrove vegetation in the
'lake'. Proc. CAAS. 24 (1) 1968 : 50. [Abstract]
380. MACNAE, W.
Ecology of mangrove areas in Ceylon. Proc. CAAS.
24 (1) 1968 : 54. [Abstract]

381. MUTTIAH, S.
A preliminary study on the distribution growth and propagation of Weniwelgata. (Coscinium fenestratum). Ceylon Forester (N.S.) 6 (3/4) 1964 : 113-120.
382. PONNUCHAMY, S.
Minemal (*Vinca rosea*) : need to check exports / study processing at local level. Karmantha 2 (6) June 1975 : 10.
383. POPHAM, S.
Portraits of trees in Ceylon. 4. The Bo tree (Ficus religiosa). Loris 13 (3) 1974 : 145-146.
384. POPHAM, F.H.
Portraits of trees in Ceylon. 9. The Kumbuk tree (Terminalia arjuna) Loris 13 (6) 1975 : 323-324.
385. POPHAM, F.H.
Portraits of Ceylon trees. 11. The margosa tree (Azadirachta indica) Loris 13 (4) 1974 : 200-202.
386. PUSHPANANTHAN, A.E. and VIPULANANTHAN, A.K.
Cycas as an example of gymnosperm and angiosperm reproduction. Kankesanthurai, A.K. Vipulanathan, 1964. 31 p.
387. SAMARAWERERA, I. and FERNANDO, S.T.
Antigen analysis of the cultivated paddy straw mushroom of Thailand, Philippines and Ceylon. Annals of Botany (England) 37 (150) 1973 : 371-374.
388. SLEDGE, W.A.
The Dryopteroid ferns of Ceylon. Bulletin of the British Museum (Natural History), Botany. 5 (1) 1973 : 1-43.
389. SLEDGE, W.A.
The Hymenophyllaceae of Ceylon. Journal of the Linnean Society, Botany (England). 60, 1960 : 289-308.

390. SLEDGE, W.A.
The Polypodiaceae and Grammitidaceae of
Ceylon. Bulletin of the British Museum (Natural
History), Botany 2 (5) 1960 : 133-158.
391. SLEDGE, W.A.
The Tectarioid ferns of Ceylon. Kew Bulletin
(England) 27 (3) 1972 : 407-424.
392. SOMANADER, S.V.O.
Leafless orchid of dry zone jungles. Loris
11 (2) 1967 : 111.
393. SOMANADER, S.V.O.
Water lily in food and medicine. Ceylon Today
9 (7) 1960 : 19-23.
394. STEWART, W.D.P.; HAYSTEAD, A. and
DHARMAWARDENE, M.W.N.
Nitrogen assimilation and metabolism in blue-
green algae. In: Nitrogen fixation by free-
living micro-organisms; edited by W.D.P. Stewart.
(International biological programme, no. 6),
1975 : pp. 129-158.
395. STUESSY, Tod F.
A revision of Moonia (Compositae, Heliantheae,
Coreopsidinae). Brittonia (USA) 27 (2) 1975 :
97-102.
[Moonia from India and Ceylon is described].
396. THANIKAIMONI, G. and JAYAWEEERA, D.M.A.
Pollen morphology of sonneratiaceae. Institut
français de Pondichery. Travaux de la Section
scientifique et technique. 5 (3) 1966 : 1-12,
3 pls.
397. THEIVENDIRARAJAH, K. and JEYASEELAN, K.
The ingestion of blue-green algae by mosquito
larvae. Cey. J. Sci. (Bio. Sci.) 12 (2) Nov.
1977 : 156, 1 pl.

398. THIRUKKANASAN, Arunthathy; KULASOORIYA, S.A. and THEIVENDRARAJAH, K.
A period survey of blue-greens found abundantly during the monsoon period (from September to January), in a paddy field near Jaffna campus at Vaddukoddai and a general survey of blue greens in the Jaffna peninsula during the same period. Proc. SLAAS. 33 (1) 1977 : 50-51. [Abstract].
399. TIXIER, P.
Lejeuneaceae from Sri Lanka collected by D.D. Thirvengadam (1974). Cey. J. Sci. (Bio. Sci.) 12 (2) Nov. 1977 : 85-88.
400. TOUW, A.
Miscellaneous notes on Thai mosses. Natural History Bulletin of the Siam Society 22 (3/4) 1968 : 217-224.
[Notes on the distribution and ecology of mosses in Ceylon are reported].
401. WEERARATNA, W.G.
The taxonomy of the Loranthaceae of Ceylon. Ceylon Forester (N.S.) 4 (4) 1960 : 365-375.

See also no. 329

59 - ZOOLOGY

59 - ZOOLOGY (General)

402. DISSANAIKE, A.S.
The proper study of mankind. Proc. CAAS, 23 (2)
1967 : 115-142.

59.006 - Zoological gardens

403. DE ALWIS, W.L.E.
The zoological gardens of Ceylon. Ceylon Today
11 (4) Apr. 1962 : 5-6.
404. WEINMAN, A.N.
Importance of zoos in protection of wild life.
Loris 9 (4) 1962 : 223-226.

591.5 - Animal ecology. Animal habits. Relation to
environment. Wild life, etc.

405. ANON
Highlights in report of the committee on the
preservation of wild life. Loris 8 (5) 1960 : 270-272.
406. ANON
The preservation of wild life in Ceylon. Ceylon
Today 9 (1) Jan. 1960 : 1-4 & 7. [Excerpts from the
Report of the Committee on Preservation of Wild life.]
407. ATAPATTU, Shelton and WICKREMASINGHE, C.S.
Sri Lanka's Gal Oya National Park : aspects and
prospects. Biological Conservation (U.K.) 6 (3) 1974 :
219-222.
408. COSTA, Noel de
The evolution of the national parks. Loris 13 (4)
1974 : 223-225.
409. EISENBERG, J.F.; SANTIAPILLAI, C. and LOCKHART, M.
The study of wild life populations by indirect
methods. Cey. J. Sci. (Bio. Sci.) 8 (2) 1970 : 53-62.
410. FERNANDO, L.V.R.
East African national parks and reserves. Loris
11 (2) 1967 : 50-55.
411. HEMAPRIYA, B.H.
Wild life conservation. Ceylon Today 13 (1) Jan.
1964 : 25-28.
412. HOFFMANN, Th. W.
Our magnificent wild life. Loris 10 (4) 1965 :
217-220.

413. JAYAWARDENA, Sita
The festival of wild life photography. Ceylon Today 15 (12) Dec. 1966 : 8-15.
414. NORRIS, C.E.
Urgent necessity for wild life research :
presidential address of wild life protection society
at 67th annual general meeting, Dec. 1960. Loris
9 (1) 1961 : 46-49.
415. NORRIS, C.E.
Wild life photography. Loris 8 (5) 1960 : 275-277.
416. NORRIS, C.E.
Wild life resources for present and future uses.
(Paper delivered at the symposium on soil conservation
in November, 1961). Loris 9 (4) 1962 : 226-228.
417. PACKEER, A.S.A.
Gleanings from the acting director's administration
report 1969-70. Loris 13 (4) 1974 : 188-192, 207,
235.
418. PACKEER, A.S.A.
The two main national parks of Ceylon. Loris 9 (4)
1962 : 229-232.
419. PACKEER, A.S.A.
Wild life resources of Ceylon. Ceylon Today 11
(10) Oct. 1962 : 27-29.
420. FOULLIER, R.S.V.
Wild life protection. Loris 8 (5) 1960 : 265-270.
421. SOMANADER, S.V.O.
Along Yala's jungle trails. Ceylon Today 12 (1)
Jan. 1963 : 17-20.
422. SZECHOWYCZ, Roman W.
Multipurpose development schemes and wild life
communities. Loris 9 (1) 1961 : 50-53.
423. WILSON, Christine
Tourism, our national parks and agriculture. Loris
11 (2) 1967 : 47-50.
See also nos. 32, 34, 678
- 592/599 - SYSTEMATIC ZOOLOGY. ANIMAL TAXONOMY.
424. MENDIS, A.S. and FERNANDO, C.H.
A guide to the freshwater fauna of Ceylon. Bull.
Fish Res. Stn., Ceylon, No. 12, 1962. 160 p.

592 - INVERTEBRATA

593.1 - Protozoa

425. CRUSZ, H.
New gregarines parasitic in lepidoptera from Ceylon. Proceedings of the Zoological Society of London. 135, 1960 : 525-536.
426. CRUSZ, H.
Trichomonads from reptiles of Ceylon. Transactions of the Royal Society of Tropical Medicine and Hygiene (London). 65, 1971 : 407. [Letter/.
427. DISSANAIKE, A.S.
Plasmodium infection in Ceylon monkeys. Transactions of the Royal Society of Tropical Medicine and Hygiene (London). 57 (6) 1963 : 488-489. [Letter/.
428. DISSANAIKE, A.S.
Research in parasitology - Ceylon. Proc. First Regional Symposium on Scientific Knowledge of Tropical Parasites, University of Singapore, Nov. 5-9, 1962. pp. 11-19.
429. DISSANAIKE, A.S.
Simian malaria parasites of Ceylon. Bulletin of the World Health Organization. 32 (4) 1965 : 593-597.
430. DISSANAIKE, A.S.; NELSON, Pathmathevy and GARNHAM, P.C.C.
Plasmodium simiovale sp. nov., a new simian malaria parasite from Ceylon. Cey. J. Med. J. 14 (2) 1965 : 27-32, 1 pl.
431. DISSANAIKE, A.S.; NELSON, Pathmathevy and GARNHAM, P.C.C.
Two new malaria parasites, Plasmodium cynomolgi ceylonensis sub. sp. nov. and Plasmodium fragile sp. nov., from monkeys in Ceylon. Cey. J. Med. Sci. 14 (1) 1965 : 1-9, 4 pls.
432. FERNANDO, C.H.
Notes on the life-history of Haemogregarina testudinis Laveran and Nattan Larrier. Transactions of the Royal Society of Tropical Medicine and Hygiene (U.K.). 56, 1962 : 258.

433. FERNANDO, M.A. and REMMLER, O.
Fine structure of the first and second generation merozoites of Eimeria necatrix. Zeitschrift fur Parasitenkunde (Berlin) 44 (2) 1974 : 133-137, pl.
434. FERNANDO, M.A. and STOCKDALE, P.H.G.
Fine structural changes associated with schizogony in Eimeria necatrix. Zeitschrift fur Parasitenkunde (Berlin). 45 (2) 1974 : 105-114, 2 pls.
435. KANNANGARA, D.W.W.
A new host records for Sarcocystis Lankester, 1882. Cey. Vet. J. 18 (4) 1970 : 123-125.
436. KULASIRI, C. de S.
The behaviour of sucking rats to oral and intra-peritoneal infection with a virulent strain of Toxoplasma gondii. Parasitology (England) 52 (1/2) 1962 : 193-198.
437. KULASIRI, C. de S.
The isolation of Toxoplasma gondii Nicolle and Manceaux from some Ceylon rodents. Cey. J. Med. Sci. 11, 1962 : 9-14.
438. LEE, E.-H.; REMMLER, O. and FERNANDO, M.A.
Sexual differentiation of Eimeria tenella (Sporozoa : Coccidia). Journal of Parasitology. 63 (1) 1977 : 155-156.
439. LEE, E.-H.; REMMLER, O.; FERNANDO, M.A.; CARLSON, H.C. and JULIAN, R.J.
Robenidine-resistant Eimeria spp. other than Eimeria maxima (correspondence). Veterinary Record (England) 99 (23) 1976 : 466-467.
440. MOLNAR, K. and FERNANDO, C.H.
Some new Eimeria (Protozoa, Coccidia) from fresh-water fishes in Ontario, Canada. Canadian Journal of Zoology 52 (3) 1974 : 413-419.
441. MOCKERJEE, S. and WAIDYASEKERA, P.L.D.
Extension of surface layer in transporting vacuoles from the cell body. Proc. 47th Indian Sci. Congr., Calcutta, Pt. 3. (Abstracts). 1960 : 431-432.
442. MOCKERJEE, S. and WAIDYASEKERA, P.L.D.
Transient physiological changes in trypsinised amoebae. Proc. 49th Indian Sci. Congr., Calcutta, Pt.3 (Abstracts), 1962 : 383.

443. NELSON, Pathmathevy
Malaria parasites of some wild animals of Ceylon.
Ph.D. thesis. University of London, 1966.
(Unpublished).
444. NILES, W.J.
Natural infection of Mansonia (Coquilletidia)
crassipes with an unidentified Plasmodium.
Transactions of the Royal Society of Tropical Medicine
and Hygiene (London) 57 (6) 1963 : 489. /Letter/.
445. WAIDYASEKERA, P.L.D.
Effects of DL-tryptophane on the cytoplasm of
Amoeba. Proc. 48th Indian Sci. Congr., Calcutta, Pt.3
(Abstracts), 1961 : 383-384.
See also nos. 655, 660

593.9 - Echinodermata. Starfish, sea-urchins, sea-cucumbers etc.

446. ADITHIYA, Lala
Beche-de-mer - the sea slug. Loris 11 (2) 1967 :
87-90.
447. ENDEAN, R. and CHESHER, R.H.
Temporal and spatial distribution of Acanthaster
planci population explosions in the Indo-West Pacific
region. Biological Conservation (England) 5 (2)
1973 : 87-95.
448. JEGARAJASINGHAM, J.F.
Beche-de-mer fishing. Loris 9 (6) 1960 : 569-571.
449. SACHITHANANTHAN, K.; NATESAN, P.; ALAGARATNAM, C.;
THEVATHASAN, A. and PHILIP, L.B.
De-scummer for beche-de-mer processing. Bull. Fish
Res. Stn., Sri Lanka 26 (1/2) 1975 : 11-15.
450. SOMANADER, S.V.O.
Sea-slugs off the east coast. Ceylon Fortnightly
Review (Colombo) 14 (14) 17 Nov. 1961 : 25.

594 - Mollusca. Shell-animals

451. FALLIL, Sithy Faheemah
Histophysiological studies of the reproductive system
of Achatina fulica. M.Sc. thesis. University of Sri
Lanka, Peradeniya Campus, 1974. (Unpublished).

452. JONKLAAS, Rodney
In search of shells. Loris. 8 (5) 1960 :
306-309.
453. SATHANANTHAN, A.H.
Studies on the early embryology of the slug Arion
ater rufus L. Ph.D. thesis. University of Reading,
1966. (Unpublished).

595 - Articulata. Vermes. Arthropoda.

595.1 - Vermes. Worms. Helminthes.

454. DISSANAIKE, A.S.
The use of radioisotopes in the study of helminth
life cycles. In: Radioisotopes in tropical medicine.
Vienna, International Atomic Agency, 1962. pp. 325-
340.
455. RYSAVY, B.; BARUS, V. and FERNANDO, M.A.
Two helminth species from Gallus lafayetti
(Galliformes) in Ceylon. Folia Parasitologica (Prahá),
20, 1973 : 39-40.
456. SENEVIRATNA, P. and MAHALINGAM, S.
Some helminths hitherto not reported from Ceylon.
Cey. Vet. J. 10 (2/3) 1962 : 88-92.

595.12 - Platyhelminthes. Flatworms : Cestoda, Trematoda,
Turbellaria, etc.

457. CRUSZ, H.; RATNAYAKE, W.E. and SATHANANTHAN, A.H.
Observations on the structure and life-cycle of the
digenetic fish-trematode Transversotrema patialense
(Soparkar). Cey. J. Sci. (Bio. Sci.) 5 (1) 1964 :
8-17, 2 pls.
458. DAVEY, K.G. and BRECKENRIDGE, W.R.
Neurosecretory cells in a cestode Hymenolepis
diminuta. Science (U.S.A.) 158, 1967 : 931-932.
459. DE SILVA, P.K.
The factors affecting the feeding of Dendrocoelum
lacteum (Muller) (Turbellaria, Tricladida) on Asellus
aquaticus (L.) (Crustacea, Isopoda). Archiv fur
Hydrobiologie (Stuttgart) 77, 1976 : 347-374.

460. DE SILVA, P.K.
The importance of mucus of Dendrocoelum lacteum (Muller) (Turbellaria, Tricladida) in community existence. Archiv fur Hydrobiologie (Stuttgart). 78, 1976 : 363-374.
461. DISSANAIKE, A.S.
Observations on Echinococcus infection in Ceylon. In: Regional Symposium on Scientific Knowledge of Tropical Parasites (1st.), University of Singapore, November 1962- Proceedings, 1963. pp. 223-240.
462. DISSANAIKE, A.S. and PARAMANANTHAN, D.C.
On the occurrence of Echinococcus granulosus. (Batsch, 1786) in a Ceylon jackal. Cey. Vet. J. 8 (3/4) 1960 : 82-87.
463. DISSANAIKE, A.S. and PARAMANANTHAN, D.C.
Paragonimus infection in wild carnivores in Ceylon. Royal Society of Tropical Medicine and Hygiene. Transactions (England) 55, 1961 : 557; Reprinted: Cey. J. Med. Sci. 11, 1962 : 29-45; Proc. CAAS., 17 (1) 1961 : 8. [Abstract].
464. GUSSEV, A.V. and FERNANDO, C.H.
Dactylogyridae (Monogeneoidea) from the stomach of fishes. Folia Parasitologica (Prague) 20 (3) 1973 : 207-212.
465. HANEK, G. and FERNANDO, C.H.
Monogenetic trematodes from New Providence Island, Bahamas. Journal of Parasitology (U.S.A.) 58 (6) 1972 : 1117-1118.
466. HANEK, G. and FERNANDO, C.H.
Monogenetic trematodes from the Bay of Quinte area, Ontario. 3. Genera Actinocleidus, Cleidodiscus Urocleidus, and Tetraoncus. Canadian Journal of Zoology 50 (10) 1972 : 1303-1312; 4. Genus Dactylogurus Diesing, 1850, with provisional host-parasite and parasite-host lists. ibid. 50 (10) 1972 : 1313-1317; 5. Two additional emended Mizelle and Hughes, 1938. ibid. 51 (8) 1973 : 896-897.
467. HANEK, G.; MOLNAR, K. and FERNANDO, C.H.
Three new genera of Dactylogyridae (Monogenea) from freshwater fishes of Trinidad. Journal of Parasitology (USA) 60 (6) 1974 : 911-913.

468. KANNANGARA, D.W.W.
In vitro cultivation of the metacercariae of the human lung fluke Paragonimus westermani.
International Journal of Parasitology (England) 4,
1974 : 675-676.
469. KANNANGARA, D.W.W. and SMYTH, J.D.
In vitro cultivation of Diplostomum spathaceum
and Diplostomum phoxini metacercariae.
International Journal of Parasitology (England) 4,
1974 : 667-673.
470. MOLNAR, K.; HANEK, G. and FERNANDO, C.H.
Ancyrocephalids (Monogenea) from freshwater fishes
of Trinidad. Journal of Parasitology (USA) 60 (6)
1974 : 914-920.
471. PARAMANANTHAN, D.C. and DISSANAIKE, A.S.
Sylvatic Echinococcus infection in Ceylon.
Transactions of the Royal Society of Tropical Medicine
and Hygiene (England) 54 (6) 1960 : 601. /Letter/.
- 595.13 - Nemathelminthes. Nematoda. Roundworms. Acanthocephali.
472. ABDULCADER, M.H.M.
Eosinophilia in filarial endemic areas in Ceylon.
Journal of Tropical Medicine and Hygiene (England) 72
(7) 1969 : 161-163.
473. ABDULCADER, M.H.M.
Filariasis research in Ceylon. Indian Journal of
Malariology (Calcutta) 14 (4) 1960 : 521-543.
474. ABDULCADER, M.H.M.
Introduction of filariasis into Ceylon. Journal of
Tropical Medicine and Hygiene (England) 68, 1965 :
298-301.
475. ABDULCADER, M.H.M.
Mosquito fauna of W. bancrofti endemic belt in Ceylon
and their role in the transmission of filariasis. Bull.
Ind. Soc. Med. Com. Dis. 2 (3) 1965 : 201-212.
476. ABDULCADER, M.H.M.
Present status of Brugia malayi infection in Ceylon.
Journal of Tropical Medicine and Hygiene (London)
70 (8) 1967 : 199-202.

477. ABDULCADER, M.H.M. and PADLEY, R.
Bancroftian microfilarial periodicity; planning blood surveys. Journal of Tropical Medicine and Hygiene (England) 64 (6) 1961 : 152-155.
478. ABDULCADER, M.H.M.; RAJAKONE, P.; RAJENDRAN, K. and APONSO, L.
Age, sex, and house distribution of Wuchereria bancrofti microfilaria in Ceylon. American Journal of Tropical Medicine and Hygiene (USA) 15 (4) 1966 : 519-522.
479. ABDULCADER, M.H.M. and SASA, M.
Epidemiology and control of bancroftian filariasis in Ceylon. Japanese Journal of Experimental Medicine (Tokyo) 36 (6) 1966 : 609-646.
480. ATTYGALLE, D. and DISSANAIKE, A.S.
The third case of human infection with Dirofilaria sp. from Ceylon. In: Singh, K.S.; Tandan, B.K. editors. "H.D. Srivastava commemoration volume". Isatnagar (U.P.), Indian Veterinary Research Institute, 1970. pp. 453-454.
481. COOKE, R.C. and SATCHUTHANANTHAVALI, V.
Some nematode-trapping species of Dactylaria. Transactions of the British Mycological Society 49, 1966 : 27-32.
482. CRUSZ, H. and CHING, C.C.
Parasites of the relict fauna of Ceylon. VI. More new helminths from amphibians and reptiles, with a new host-record and redescription of Acanthocephalus serendibensis Crusz and Mills, 1970. Annales de parasitologie humaine et comparee (Paris) 50, 1975 : 531-558.
483. DISSANAIKE, A.S.
Dirofilaria (Nochtiella) linstowi n.sp. a filarioid of monkeys in Ceylon. Journal of Helminthology (England) 46 (2) 1972 : 117-124.
484. DISSANAIKE, A.S.
Dirofilaria repens infection in man in Ceylon. Demonstration. Proceedings of seminar on filariasis and immunology of parasitic infections and laboratory meeting, Singapore, 1968. (1969). pp. 235-236.

485. DISSANAIKE, A.S.
The occurrence and significance of Capillaria hepatica infection in several rodents and the Ceylon hare. Proc. CAAS., 19 (1) 1963 : 7-8. [Abstract].
486. DISSANAIKE, A.S. and NILES, W.J.
Attempts to transmit Wuchereria bancrofti to cats and to toque monkey. Annals of Tropical Medicine and Parasitology (England) 59 (2) 1965 : 189-192.
487. DISSANAIKE, A.S. and NILES, W.J.
Further studies on Brugia (brugiella) buckleyi.
1. Experiments to determine the vector. Proc. CAAS., 19 (1) 1963 : 6. [Abstract].
488. DISSANAIKE, A.S. and NILES, W.J.
Unsuccessful attempts at infecting cats and a toque monkey with Wuchereria bancrofti. Proc. CAAS., 19 (1) 1963 : 7. [Abstract].
489. DISSANAIKE, A.S. and PARAMANANTHAN, D.C.
Brugia-type adults and microfilariae in a Ceylon hare. Transactions of the Royal Society of Tropical Medicine and Hygiene (England) 55 (3) 1961 : 299. [Letter].
490. DISSANAIKE, A.S. and PARAMANANTHAN, D.C.
On Capillaria hepatica infection in the Ceylon bandicoot (Bandicota malabarica). Cey. Vet. J. 9 (1/2) 1961 : 9-11.
491. DISSANAIKE, A.S. and PARAMANANTHAN, D.C.
Some observations on Brugia (Brugiella) buckleyi
Dissanaike and Paramanathan, 1961 - a filarial worm from the heart and blood vessels of the Ceylon hare. Cey. J. Med. Sci., 11, 1962 : 15-21, 2 pls.
492. DISSANAIKE, A.S. and PONNUDURAI, T.
Some aspects of experimental filariasis in Ceylon. [Abstract]. Int. Congr. Trop. Med. Malar. (8th), Teheran, Sept. 7-15, 1968. Abstracts and reviews. pp. 93-94.
493. FERNANDO, M.A.; STOCKDALE, P.H.G. and ASHTON, G.C.
Factors contributing to the retardation of development of Obeliscoides cuniculi in rabbits. Parasitology (USA & UK) 63 (1) 1971 : 21-29.

494. FERNANDO, S.T.
Heterophile antibodies in Toxocara canis infection in rabbits. Journal of Comparative Pathology (England) 78 (3) 1968 : 323-330.
495. FERNANDO, S.T.
Mecistocirrus digitatus (von Linstow, 1906) Neveu-Lemaire, 1914 : a study of the life-cycle and the immunological response of the host. Ph.D. thesis University of Cambridge, 1962-63. (Unpublished).
496. FERNANDO, S.T. and ATURALIYA, D.
Precipitins in Toxocara canis infections in rabbits. Cey. Vet. J. 16 (1/2) 1968 : 11-15.
497. FERNANDO, S.T.
Occurrence of Oesophagostomum venulosum (Rudolphi, 1890). Cey. Vet. J. 16 (3) 1968 : 67. [Letter].
498. FERNANDO, S.T.; VASUDEVAN, B.; HAMZA, M.H.M.; PANDITHA-GUNAWARDENA, I.K.T. and SAMARASINGHE, H.T.
Precipitin reactions in monkeys (Macaca sinica) experimentally infected with Toxocara canis and in children with visceral larva migrans syndrome. Journal of Comparative Pathology (England) 80, 1970 : 407-414, 1 pl.
499. FERNANDO, S.T.; VASUDEVAN, B.; JEGATHEESWARAN, T. and SOORIYAMOORTHY, T.
The nature of resistance of immune puppies to superinfection with Toxocara canis evidence that immunity affects second- but not fourth-stage larvae. Parasitology (U.K. & U.S.A.) 66 (3) 1973 : 415-422.
500. HUTCHINSON, G.W. and FERNANDO, M.A.
Enzymes of glycolysis and the pentose phosphate pathway during the development of the rabbit stomach worm Obeliscoides cuniculi. International Journal of Parasitology (England) 4 (4) 1974 : 389-395.
501. HUTCHINSON, G.W.; LEE, E.H. and FERNANDO, M.A.
Effects of variations in temperature on infective larvae and their relationship to inhibited development of Obeliscoides cuniculi in rabbit. Parasitology (USA) 65 (2) 1972 : 333-342.
502. ISMAIL, M.M.; WIJAYARATNAM, Y. and AMARASINGHE, D.K.C.
The Eosinophil response in rats to Dirofilaria repens. Proc. CAAS. 24 (1) 1968 : 18. [Abstract].

503. ISMAIL, M.M.; WIJAYARATNAM, Y. and AMARASINGHE, D.M.C.
Reduced microfilaraemia in sensitised rats following introduction of live Dirafilaria repens adults intraperitoneally. Proc. CAAS., 26 (1) 1970 : 6. Abstract
504. JAYASINGHE, J.B.; FERNANDO, S.D.A. and DISSANAIKE, A.S.
Electrocardiographic evidence of cardiac hypertrophy in a hare infected with filarial worm Brugia (Brugiella) buckleyi. Annals of Tropical Medicine and Parasitology (England) 58 (3) 1964 : 328-332.
505. JAYASINGHE, J.B.; FERNANDO, S.D.A. and DISSANAIKE, A.S.
Further studies on Brugia (Brugiella) buckleyi. II. Electrocardiographic tracings from infected un-infected hares. Proc. CAAS., 19 (1) 1963 : 6-7. Abstract
506. JAYAWARDENE, L.G.
Laboratory studies on the bancroftian filariasis and tropical eosinophilia. Abstract. Int. Congr. Trop. Med. Malar. (8th) Teheran, Sept. 7-15, 1968. Abstracts and reviews. p. 93.
507. JAYAWARDENE, L.G.
Larval development of Brugia ceylonensis Jayawardene, 1962, in Aedes aegypti, with a brief comparison of the infective larva with those of Brugia spp., Dirofilaria repens and Artionema digitata. Annals of Tropical Medicine and Parasitology (England) 57 (3) 1963 : 359-370.
508. JOTHY, A.A. and FERNANDO, C.H.
A new camallanid nematode, Malayocamallanus intermedius gen. et. sp. nov., (Zulew) with a key to the genera of the subfamily Procammallaninae. Helminthologia. 11, 1971 : 87-91.
509. LEE, E.H. and FERNANDO, M.A.
Terminal anaerobic carbohydrate metabolism of three developmental stages of the rabbit stomach worm Obeliscoides cuniculi. International Journal of Biochemistry (England) 2 (10) 1971 : 403-408.

510. NILES, W.J.
Natural infection of developing animal filariae in the fat-body of Mansonia crassipes. Transactions of the Royal Society of Tropical Medicine and Hygiene 56 (5) 1962 : 437-438. [Letter].
511. POINAR, Jr. G.O. and KANNANGARA, D.W.W.
Rhabdochona praecox sp. n. and Proleptus sp. (Spiruroidea : Nematoda) from fresh water crabs in Ceylon. Annales de Parasitologie (Paris) 47 (1) 1972 : 121-129.
512. RAMALINGAM, Shivaji
Vectors of Wuchereria bancrofti and Brugia malayi in the South and Southeast Asian regions : their distribution, biology and control. Cey. J. Med. Sci. 24 (1/2) 1975 : 1-27.
513. RANATUNGA, Priennie
Ecological considerations of some nematode diseases in the tropics. Anim. Prod. Hlth. Bull. 2 (3) 1968 : 80-90.
514. RATNAVALE, W.D. and DISSANAIKE, A.S.
On the second case of human infection with Dirofilaria (Nochtiella) repens from Ceylon. Journal of Helminthology (England) 38, 1964 : 287-290.
515. SHER, S.A.
Revision of the Hoplolaiminae (Nematoda). VI. Helicotylenchus Steiner, 1945. Nematologica (Netherlands). 12 (1) 1966 : 1-56.
[Helicotylenchus canalis n. sp. from jungle soil in Ceylon is described/
516. SIVAPALAN, P. and JENKINS, W.R.
Effects of starvation on the long chain fatty acids composition of the free-living nematode, Panagrellus redivivus. [Abstract]. Nematologica (Netherlands) 12, 1966 : 99.
517. SIVAPALAN, P. and JENKINS, W.R.
Phospholipid and long-chain acid composition of the nematode Panagrellus redivivus. Helminthological Society of Washington, Proceedings. 33, 1966 : 149-157.

518. STOCKDALE, P.H.G. and FERNANDO, M.A.
Some enzymes associated with the metabolism of phosphoenolpyruvate in Hyostrongylus rubidus. Journal of Parasitology (USA) 60 (1) 1974 : 178.
519. STOCKDALE, P.H.G.; FERNANDO, M.A. and CRAIG, R.
The development, route of migration, and pathogenesis of Crenosoma mephitidis in the skunk, (Mephitis mephitis). Canadian Journal of Zoology 52 (6) 1974 : 681-685.
520. STOCKDALE, P.H.G.; FERNANDO, M.A. and GILROY, J.
Ultrastructural study of the teguminal sheaths of two metastrongyloid nematodes. Canadian Journal of Zoology 48 (3) 1970 : 423-425.
521. STOCKDALE, P.H.G.; FERNANDO, M.A. and LEE, E.H.
Age of infective larvae : a contributory factor in the inhibition of development of Obeliscoides cuniculi in rabbits. Veterinary Record (England) 86 (6) 1970 : 176-177.
522. TEDIA, S. and FERNANDO, C.H.
Some remarks on the ecology of Echinorhynchus salmonis Muller, 1784. Canadian Journal of Zoology 48 (2) 1970 : 317-321.
523. VASUDEVAN, Bundla
Studies of the immunological response of puppies, monkeys and children to Toxocara canis (Werner, 1782) infection. Ph.D. thesis. University of Ceylon, 1971. ix, 221 f. 43 pls. (Unpublished).
524. WIJETUNGE, H.P.A.
Filariasis in a University Campus in Ceylon. Journal of Tropical Medicine and Hygiene (England) 70 (1) 1967 : 25-28.
525. WONG, H.A. and FERNANDO, M.A.
Ancylostoma caninum : uptake of ¹⁴C - glucose in vitro. Experimental Parasitology (USA) 28 (2) 1970 : 253-257.

See also nos. 537, 562

595.14 - Annelida. Polychaeta. Ringed segmental worms.

526. FILLAI, T. Gottfried

Annelida Polychaeta from the Philippines and Indonesia. Cey. J. Sci. (Bio. Sci.). 5 (2) 1965 : 110-177.

527. FILLAI, T. Gottfried

Annelida polychaeta of Tambalagam Lake, Ceylon. Cey. J. Sci. (Bio. Sci.) 4 (1) 1961 : 1-40.

528. FILLAI, T. Gottfried

Studies on a collection of spirorbids from Ceylon, together with a critical review and revision of spirorbid systematics, and an account of their phylogeny and zoogeography. Cey. J. Sci. (Bio. Sci.) 8 (2) 1970 : 100-172.

595.3 - Crustacea (Branchiata)

529. FERNANDO, C.H.

A new species of Paratelphusa Milne-Edwards (Crustacea; Brachyura), from Ceylon. Cey. J. Sci. (Bio. Sci.) 4 (1) 1961 : 55-59, pl.

530. NUTTALL, P.M. and FERNANDO, C.H.

Freshwater Ostracoda (Crustacea) from Lake Nipigon, Ontario. Canadian Field-Naturalist 85 (2) 1971 : 184-186.

See also nos. 459, 511

595.4 - Arachnida. Mites. Spiders.

531. PARAMANANTHAN, D.C.

Nymphs of Armillifer moniliformis Sambon, 1922 in civet cats and wild boar. Proc. CAAS. 17 (1) 1961 : 8. [Abstract].

532. SENEVIRATNA, P.

The ticks (Ixodoidea) of Ceylon. Part I - Argasidae. Cey. Vet. J. 10 (1) 1962 : 30-41; Part II & III. ibid. 13, 1965 : 28-54.

533. SENEVIRATNA, P.

Ticks on domestic animals in Ceylon and diseases transmitted by them. Trop. Agric. (Ceylon) 122 (1/2) 1966 : 9-18.

534. SENEVIRATNA, P.
Ticks : their significance on human health.
Loris. 10 (4) 1965 : 270-272.
535. WEILGAMA, Danister Jayampathy
Studies in Boophilids in Sri Lanka. M.V.Sc. thesis.
University of Sri Lanka, Peradeniya, 1974. [x]
115 f. (Unpublished).
536. WEILGAMA, D.J. and SENEVIRATNA, P.
The Boophilids in Ceylon. Preliminary
communication. Cey. Vet. J. 18 (2) 1970 : 39-42.
See also no. 543
- 595.7 - Insecta (Hexapoda). Entomology.
537. ABDULCADER, W.H.M.; RAJAKONE, P.; THARUMARAJAH, K.
and MAHADEVA, R.
Vectorial capacity of Culex pipiens fatigans in
Ceylon. Journal of Tropical Medicine and Hygiene
(England). 68 (10) 1965 : 254-256.
538. ABERCROMBIE, Jay
The subgenus Christophersiomys of the genus Aedes
(Diptera : Culicidae). (Medical entomology studies -
IX). Contributions of the American Entomological
Institute. 14 (2) 1977 : 1-72.
539. AMARASINGHE, F.P.
Studies on the maturation-accelerating pheromone
of the male desert locust, Schistocerca gregaria Forskal.
Ph.D. thesis. University of Bristol, 1977. 210 p.
(Unpublished).
540. ANNECKE, D.P. and PRINSLOO, G.L.
On some new and described species of Arrhenophagine
encyrtidae (Hymenoptera). Journal of the Entomological
Society of South Africa. 37 (1) 1974 : 35-47.

[Species from Ceylon is described]
541. BHATTACHARYA, D.P. and MANDAL, D.K.
A new record of Terastia meticulosalis Guenee
(Lepidoptera : Pyralidae) from the Car Nicobar Island.
Newsletter Zoological Survey of India 2 (1) 1976 :
23-24.

[A survey with those from Sri Lanka]

542. BOUCEK, Z.
The African and Asiatic species of Trichospilus
and Cotterellia (Hymenoptera, Eulaphidae).
Bulletin of Entomological Research (England) 65
(4) 1967 : 669-681.
Note is given on the Sri Lanka species C. lankensis
543. BRIGNOLI, P.M.
Ragni di Ceylon. 1. Missione biospeleologica
Aellen-Strinati (1970). (Arachnida, Araneae). (With
English summary). Revue suisse de zoologie (Geneve)
79 (2) 1972 : 907-929.
544. CALNAIDO, D.; FRENCH, R.A. and TAYLOR, L.R.
Low altitude flight of Oscinella frit L. (Diptera :
chloropidae). Journal of Animal Ecology (England)
34, 1965 : 45-61.
545. CRUSZ, H.
Silverfish breeding : a rewarding hobby. Loris.
8 (6) 1960 : 355-359.
546. DANTHANARAYANA, W.
The biology and population dynamics of Sitona
regensteinensis hbst. (Col.: Curculionidae). Ph.D.
thesis. University of London, 1965. (Unpublished).
547. DANTHANARAYANA, W.
Extraction of arthropod eggs from soil.
Entomologica Experimentalis et applicata (Netherlands)
9, 1966 : 124-125.
548. DANTHANARAYANA, W.
Host specificity of Sitona beetles. Nature (London)
213 (5081) 1967 : 1153-1154.
549. DANTHANARAYANA, W.
Population dynamics of the weevil Sitona
regensteinensis in broom. Journal of Animal Ecology
(England) 38, 1969 : 1-18.
550. DE ALWIS, R.E. and MUNASINGHE, C.H.
Hydrogen-ion concentration in breeding habitats of
Culex pipiens fatigans (Wied.) and associated
mosquitos. Bulletin of the World Health Organization
45 (6) 1971 : 853-854.

551. EKANAYAKE, U.B.M.
Parasitism of four species of *Erannis*.
D. Phil. thesis. University of Oxford, 1967-68.
(Unpublished).
552. EKANAYAKE, U.B.M.
Some indigenous parasites, predators and pathogens
in the control of the blue striped nettle grub,
Parasa lepida Cram (Limacodidae). Proc. CAAS. 20
(1) 1964 : 16. [Abstract].
553. FENNAH, R.G.
The species of *Pyrilla* (Fulgoroidea : Lophopidae)
in Ceylon and India. Bulletin of Entomological Research
(England) 53 (4) 1962 : 715-736.
554. FERNANDO, C.H.
Aquatic insects taken at light in Ceylon, with a
discussion and bibliography of references to aquatic
insects at light. Cey. J. Sci. (Bio. Sci.) 4 (1)
1961 : 45-54.
555. FERNANDO, E.F.W.
Storage and transmission of ambrosia fungus in the
adult *Xyleborus fornicatus* Eichh. (Coleoptera :
Scolytidae). Annals and Magazine of Natural History
Ser. (England) 13 (2) 1960 : 475-480.
556. FERNANDO, H.E.
Termites of economic importance in Ceylon. In :
Termites in humid tropics : Proc. New Delhi, Symp., 1960.
Paris, Unesco, 1962. pp. 205-210.
557. FERNANDO, Wilfred
The gastric caeca and proventriculus in the Blattidae.
Cey. J. Sci. (Bio. Sci.) 4 (2) 1962 : 88-95.
558. FERNANDO, Wilfred
Myrmecophilus haeckeli, sp. n., a new Myrmecophilous
gryllid from Ceylon. Cey. J. Sci. (Bio. Sci.) 4 (2)
1962 : 73-76.
559. FERNANDO, Wilfred
New species of insects from Ceylon. 7. Cey. J. Sci.
(Bio. Sci.). 4 (1) 1961 : 41-44, 3 pls.

560. GHOSH, A.K.
A list of aphids (Homoptera : Aphididae) from India and adjacent countries. Journal of the Bombay Natural History Society. 71 (2) 1974 (publ. 1975) : 201-225.
[A systematic list of the 344 species of aphids known from India, Ceylon, Pakistan, Nepal and Sikkim is provided]
561. GOONEWARDENE, H.F.; ZEPP, D.B. and GROSVENER, A.E.
Virgin female Japanese beetles as lures in field crops. Journal of Economic Entomology (USA) 63, 1970 : 1001-1003.
562. GUNAWARDENA, K.
A note on the susceptibility of the tropical bed bug Cimex hemipterus to Wuchereria bancrofti in Ceylon. Journal of Medical Entomology (USA) 9 (4) 1972 : 300.
563. GUNAWARDENA, K.
A study of Onthophagus unifasciatus Schall (Scarabaeidae - Coprini) and scarabiasis in Ceylon. Indian Journal of Medical Research 51 (4) 1963 : 654-660.
564. GUNAWARDENA, K.R. Sriyani and RATNAYAKE, W.E.
A new mutation in Culex pipiens fatigans Wiedemann, affecting the adult eye. Proc. SLAAS. 32 (1) 1976 : 77. [Abstract]
565. GUNAWARDENE, Thelma T.P.
The Cicada. Loris. 14 (3) June 1977 : 130-132.
566. GUSTAFSSON, B.
A new species of Nepticula v. Heyden and redescription of Trifurcula clinomochla (Meyrick) from Sri Lanka (Lep., Nepticulidae). Entomologisk Tidskrift (Sweden) 97 (1/2) 1976 : 45-49.
567. HEDQVIST, K.J.
Descriptions of new chalcid flies (Hym., Chalcidoidea, Encyrtidae and Eulophidae) reared from Nepticula species collected in Sri Lanka. Entomologisk Tidskrift (Sweden). 97 (1/2) 1976 : 50-54.
568. HLISNIKOVSKY, J.
Beitrag zur Kenntnis der Lioididae (Coleoptera) von Ceylon. Mitteilungen der Schweizerischen Entomologischen Gesellschaft (Bern) 45 (1/3) 1972 : 131-149.

569. HUANG, Yiau-Min
A new species of Aedes (Stegomyia) from Sri Lanka (Ceylon) (Diptera : Culicidae). Mosquito Systematics (USA). 7 (4) 1975 : 345-356.
570. HUANG, Yiau-Min
Notes on the taxonomic status of Aedes vittatus (Diptera : Culicidae). (Medical entomology studies - VIII). Contributions of the American Entomological Institute. 14 (1) 1977 : 113-132.
571. HUANG, Yiau-Min
The subgenus Stegomyia of Aedes in Southeast Asia. II. The Edwardsi group of species. III. The W. albus group of species. (Diptera : Culicidae). (Medical entomology studies VII and VIII). Contributions of the American Entomological Institute 14 (1) 1977 : I-III.
572. KERRICH, G.J.
Systematic studies on Eulophidae of economic significance (Hymenoptera : Chalcidoidea). Bulletin of Entomological Research (England) 63 (4) 1974 : 629-639.

Promecotheca cumingii Baly in Sri Lanka^{is}/described/
573. KRISHNANANTHASIVAM, Kandiah
Studies of the genus Stomoxys with special reference to Stomoxys caloitrans in Sri Lanka. M.V. Sc. thesis. University of Sri Lanka, Peradeniya Campus, 1974. 168 f. (Unpublished).
574. LUDWIG, D.; RAJENDRAM, G.F. and RAMAZZOTTO, L.J.
Changes in reducing carbohydrates and trehalose during development of eggs from young and old, Tenebrio molitor L. Journal of the New York Entomological Society 76, 1968 : 27-31.
575. MEDVEDEV, L.N.
Chrysomelidae from Ceylon (Col.). Entomologische Arbeiten aus dem Museum G. Frey (W. Germany). 23, 1972 : 178-185.
576. MODDER, W.W.D.
The digestive enzymes in the alimentary system of Acrotelsa collaris (Thysanura : Lepismatidae). Cey. J. Sci. (Bio. Sci.) 5 (1) 1964 : 1-7.

577. MODDER, W.W.D.
Hydrogen ion concentration in the alimentary canal of Acrotelsa collaris (Thysanura : Lepismatidae). Cey. J. Sci. (Bio. Sci.) 4 (2) 1962 : 77-87.
578. MODDER, W.W.D. and SIVARAJAH, K.
Changes in oxygen uptake and respiratory quotient during post-embryonic development of the leaf-insect Phyllium crurifolium Serville (Phasmida : Phyllidae). Journal of Entomology (A) (England) 47, 1972 : 85-93.
579. NAGATOMI, A.
Rachiceridae (Dipt.) from the oriental and palaearctic regions. Pacific Insects (USA) 12, 1970 : 417-466.
Rachiceridae from Ceylon is described and illustrated
580. NILES, W.J.
Anopheles nigerrimus (Hyrcanus group) as a laboratory vector of some filarialae of man and animals. Annals of Tropical Medicine and Parasitology (England) 55 (3) 1961 : 379-380.
581. OTAKE, A.; SOMASUNDARAM, P.H. and ABEYKOON, M.B.
Studies on populations of Sogatella furcifera Horvath and Nilaparvata lugens Stal (Hemiptera : Delphacidae) and their parasites in Sri Lanka. Applied Entomology and Zoology (Japan) 11 (4) Dec. 1976 : 284-294.
582. PETERS, W.L. and EDMUNDS, G.F. jr.
Revision of the generic classification of the eastern hemisphere Leptophlebiidae (Ephem.). Pacific Insects (USA) 12, 1970 : 157-240.
583. PEYTON, E.L.
A revision of the subgenus Pseudoficalbia of the genus Uranotaenia in Southeast Asia. (Diptera : Culicidae). (Medical entomology studies - X). Contributions of the American Entomological Institute 14 (3) 1977 : 1-273.
584. RAJENDRAM, G.F. and DANIEL, D.J.E.
Comparative analysis of free amino acids of eggs of different biotypes of the brown plant hopper, Nilaparvata lugens (Homoptera : Delphacidae), occurring in Sri Lanka and the Philippines. Proc. SLAAS, 33 (1) 1977 : 48. Abstract.

585. RAJENDRAM, G.F. and HAGEN, K.S.
Trichogramma oviposition into artificial substrates. Environmental Entomology (USA) 3, 1974 : 399-401.
586. RATNAYAKE, W.E.
Lack of evidence for the hypothesis that chromosomal duplications are the cause of replicating instabilities. Cey. J. Sci. (Bio. Sci.) 8 (2) 1970 : 49-51.
587. ROONWAL, M.L.
Plant-pest status of root-eating ant, Dorylus orientalis, with notes on taxonomy, distribution and habits (Insecta : Hymenoptera). Journal of the Bombay Natural History Society 72 (2) 1975 : 305-315.
588. SABARATNAM, M.
The effect of digging on development of adult characters in blowflies Calliphora erythrocephala. Journal of Insect Physiology (USA) 19, 1973 : 2143-2154.
589. SABARATNAM, M.
Mormonal control of resilin deposition in the blowfly, Calliphora erythrocephala. Journal of Insect Physiology (USA) 20, 1974 : 935-946.
590. SAMARAWICKREMA, W.A.
Breeding and prevalence of the mosquito Aedes (Stegomyia) aegypti Linnaeus 1762, in some coastal towns in Ceylon in relation to the recent dengue like epidemic. Proc. CAAS., 22 (1) 1966 : 14-15.
591. SAMARAWICKREMA, W.A.
Changes in the ovariole of Mansonia (Mansonioides) mosquitoes in relation to age determination. Annals of Tropical Medicine and Parasitology (England) 56 (1) 1962 : 110-126.
592. SAMARAWICKREMA, W.A.
Follicular relics in wild-caught Culex pipiens fatigans Wiedemann in Ceylon. Bulletin of the World Health Organisation (Geneva) 27 (4/5) 1962 : 637-640.

593. SCHEDL, K.E.
Scolytidae of Ceylon. 287. Contribution to the morphology and taxonomy of the Scolytoidea. Mitteilungen der Schweizerischen Entomologischen Gesellschaft (Bern) 45 (1/3) 1972 : 221-229.
594. SEVASTOPULO, D.G.
The food-plants of Indian Rhopalocera. Journal of the Bombay Natural History Society 70 (1) 1973 : 156-183.
[The author gives a list of the food-plants of butterflies in India, Pakistan, Bangladesh, Burma and Sri Lanka].
595. SIMMONDS, F.J.
Some recent puzzles in biological control. Entomophaga (France) 21 (4) 1976 : 327-332.
[The examples concern the control of Promecotheca sumingii Baly and the weed Eupatorium odoratum in Sri Lanka.]
596. SIRIVANAKARN, Sunthorn
A revision of the subgenus Lophoceraomyia of the genus Culex in the oriental region (Diptera : Culicidae). (Medical entomology studies - VI). Contributions of the American Entomological Institute 13 (4) 1977 : 1-245.
597. SOMANADER, S.V.O.
Migration of butterflies. Ceylon Today 12 (10) Oct. 1963 : 24-27.
598. STRONG, L. and AMERASINGHE, F.P.
Allatectomy and sexual receptivity in females of Schistocerca gregaria. Journal of Insect Physiology (USA) 23, 1977 : 131-135.
599. THEROND, J.
Contributions a la connaissance de la faunule de Ceylon. (Coleoptera - Histeridae). Revue suisse de zoologie. 80 (2) 1973 : 403-410.

600. WICKRAMASINGHE, Diamantia Nallini Tiyasaka
Observations on the mode of action of 2-
imidazolidinone, a female sterilant of the adult
house fly Musca domestica L. (Diptera : muscidae).
Ph.D. thesis. University of Illinois, 1965.
(Unpublished).
601. WICKRAMASINGHE, Nallini
The role of the entomologist in human welfare.
Proc. SLAAS., 33 (2) 1977 : 85-103.
602. WIJEYARATNE, P.M.
Effects of sub-lethal larvicide exposure on
population and flight characteristics of Culex pipiens
quinquefasciatus Say (Diptera : Culicidae). Ph.D.
thesis. University of Texas, 1976. 265 p.
603. WIJEYARATNE, P.M.; WEIDHAAS, D.E.; SMITTLE, B.J.
and BOSTON, M.D.
Sterilization of male Culex quinquefasciatus :
evaluation of five insect chemosterilants and gamma
irradiation. Mosquito News (USA) 37 (1) 1977 : 1-5.
604. WILTSHIRE, E.P.
Middle East Lepidoptera, XXXVII : Notes on the
Spodoptera litura (F.) group (Noctuidae-Trifinae).
Proceedings and Transactions of the British
Entomological and Natural History Society 10 (3/4)
1977 : 92-96.
[Information on the distribution of Spodoptera from
Sri Lanka is given.]
- See also nos. 425, 444, 475, 506-07, 510, 524

596 - VERTEBRATA. CHORDATA.

597 - Pisces. Fishes. Ichthyology.

605. ARIYARATNE, N.T.

Local fresh water fish rearing as a hobby.

Loris 14 (4) Dec. 1977 : 198-201.

606. BALBONTIN, F.; DE SILVA, S.S. and EHRLICH, K.F.

A comparative study of anatomical and chemical characteristics of reared and wild herring.

Aquaculture (Netherlands) 2 (3) 1973 : 217-240, pl.

607. COSTA, H.H.

Responses of freshwater animals to sodium cyanide solutions. 1. Fish. Cey. J. Sci.

(Bio. Sci.) 5 (2) 1965 : 41-87; 2. Gammarus pulex. ibid. 5 (2) 1965 : 88-96; 3. Tadpole of Rana temporaria. ibid. 5 (2) 1965 : 97-104.

608. DAS, S.M.

On a collection of fishes from Ceylon with a discussion on their importance in zoogeography, Ichthyologica (India). 1 (1/2) 1962 : 1-12.

609. DE SILVA, C.D.

Development of the respiratory system in herring and plaice larvae. In: The early life history of fish : the proceedings of an International Symposium held at the Dunstaffnage Marine Research Laboratory of the Scottish Marine Biological Association at Oban, Scotland, from May 17-23, 1973; edited by J.H.S. Blaxter. Berlin, Springer-Verlag, 1974. pp. 465-485.

610. DE SILVA, C.D. and TYTLER, P.

The influence of reduced environmental oxygen on the metabolism and survival of herring and plaice larvae. Netherlands Journal of Sea Research 7, 1973 : 345-362.

611. DE SILVA, Rex I.

A guide to some sharks of Sri Lanka. Loris 14 (4) Dec. 1977 : 225-232.

612. DE SILVA, S.S.
Abundance, structure, growth and origin of inshore clupeid populations off the west coast of Scotland. Journal of Experimental Marine Biology and Ecology (Netherlands) 12 (2) 1973 : 119-144.
613. DE SILVA, S.S.
Aspects of the preproductive biology of the sprat, Sprattus Sprattus (L.) in inshore waters of the west coast of Scotland. Journal of Fish Biology (USA) 5 (6) 1973 : 689-705, pl.
614. DE SILVA, S.S.
Food and feeding habits of the herring Clupea harengus and the sprat C. sprattus in inshore waters of the west coast of Scotland. Marine Biol., Berl. 20 (4) 1973 : 282-290.
615. DE SILVA, S.S. and KORTMULDER, K.
Some aspects of the biology of three species of Puntius (= barbus) (Pisces : Cyprinidae), endemic to Sri Lanka. Netherlands Journal of Zoology 27 (2) 1977 : 182-194.
616. DE SILVA, S.S.; KORTMULDER, K. and WIJEYARATNE, M.J.S.
A comparative study of the food and feeding habits of Puntius bimaculatus and P. tittaya (Pisces, Cyprinidae). Netherlands Journal of Zoology 27 (3) 1977 : 253-263.
617. DE SILVA, S.S. and PERERA, P.A.B.
Studies on the biology of young grey mullet, Mugil cephalus L. I. Effect of salinity of food intake, growth and food conversion. Aquaculture (Netherlands). 7, 1976 : 327-338.
618. DE SILVA, S.S. and WIJEYARATNE, M.J.S.
Studies on the biology of young grey mullet, Mugil cephalus L. II. Food and feeding. Aquaculture (Netherlands) 12 (2) 1977 : 157-167.

619. DE ZYLVA, E.R.A.
The Gouramy in Ceylon. Loris 8 (5) 1960 :
291-292.
620. FERNANDO, C.H.
Inland fishes of Ceylon : vast potentialities
for cultivation. Loris 9 (1) 1961 : 9-11.
621. INDRASENA, H.H.A.
The Tilapia mossambica in Ceylon. Ceylon Today
12, June 1963 : 22-23.
622. JAYASEKERA, Alick
Nylon fish. Loris 9 (1) 1961 : 12-13.
623. JONKLAAS, Rodney
Maldive fish - take a Baleya or a Kelawalla.
Loris 9 (4) 1962 : 253-255.
624. PERERA, P.A.B.
Contributions to the biology of young gray
mullet Mugil cephalus L. and its potential as a
culturable species in Sri Lanka. M.Sc. thesis.
University of Sri Lanka, Vidyalankara Campus, 1976.
172 p.
625. SOMANADER, S.V.O.
Batticaloa's singing fish. Loris 11 (2) 1967 :
108-110.
626. SZECHOWYCZ, Roman W.
Fresh water fishes of Ceylon. Loris 8 (5) 1960 :
285-290.
627. TEDLA, S. and FERNANDO, C.H.
On the characterization of the parasite fauna of
yellow perch (Perca fluviatilis L.) in five lakes,
in Southern Ontario, Canada. Helminthologia
(Bratislava) 11, 1971 : 23-33.
628. WICKRAMARATNE, G.A. de S.
Some preliminary observations on the biology of
Strongylocentrotus lividus (Lamarck). Bull. Fish.
Res. Stn., Ceylon 21 (1) 1970 : 57-65.

See also nos. 464, 467, 470, 508

597.6 - Amphibia (Batrachia)

See also no. 482

597.8 - Anura (Salientia). Toads. Frogs.

629. Costa, H.H. and BALASUBRAMANIAM, S.
The food of the tadpoles of Rhacophorus
cruciger cruciger (Blyth). Cey. J. Sci. (Bio.Sci.)
5 (2) 1965 : 105-109, 1 pl.

630. JAYATILAKA, A.D.P.
An electron microscopic study of the changes in
the thyroid gland in Xenopus laevis (Daudin)
tadpoles in the pre-metamorphic period. Proc.
CAAS. 29 (1) 1973 : 43-44. [Abstract].

631. SENADHIRA, M.A.P.
Note on an abnormality in the anterior venous
system of Bufo melanostictus. Cey. J. Sci.
(Bio. Sci.). 4 (2) 1962 : 65-72.

See also nos. 607, 699

598 - Sauropsida. Reptiles. Birds.

598.1 - Reptilia. Squamata. Lizards. Snakes, Turtles,
Tortoises, Crocodiles, etc.

632. AHLIP, Tryne C.
Our tank crocodiles. Loris 10 (4) 1965 :
242-245.

633. BANKS, Judy and BANKS, John
More observations on the nesting of turtles.
Loris 14 (3) June 1977 : 150-152.

634. DE SILVA, Anslem
Further notes on the snake stone. Loris 14 (4)
Dec. 1977 : 243.

635. DERANIYAGALA, P.E.P.
A sanctuary for turtles, the dugong, whales and
dolphins in the Indian and Southern Oceans. Loris.
10 (4) 1965 : 246-250.

636. FERNANDO, Bradley
Kraits and Wolfsnakes, the Karawalas (S.)
Loris 14 (3) June 1977 : 157-159.
637. GANS, Carl
Aspects of the biology of uropeltid snakes. In:
Linnean Society Symposium Series. No. 3.
Morphology and biology of Reptiles; edited by
A. d'A. Bellairs and C. Barry Cox. Published for
the Linnean Society by London, Academic Press, 1976.
pp. 191-204, 4 pls.
[Uropeltid snakes of India and Sri Lanka are
described].
638. GANS, Carl
Uropeltidae. In Liste der rezenten Amphibien und
Reptilien. Tierreich (Berlin) 84, 1966 : 1-29.
[Some 35 species of uropeltid snakes occur in
Southern India and Sri Lanka are described].
639. JAYASINGHE, J.B.; FERNANDO, S.D.A. and
BRITO-BABAPULLE, L.A.P.
The appearance of the electrocardiogram of the
heart in the serpent. The Ceylon rat snake
(Sinhalese : Garandiya). Cey. Vet. J. 11 (2)
1963 : 57-59.
640. JAYAWARDENE, Jayantha
The starred tortoise (Testudo elegans). Loris
13 (3) 1974 : 136-137, 143.
641. KOTTEGODA, S.R.
The venom of the Ceylon hunting spider
Poecilothermia fasciata. Proc. CAAS. 29 (1) 1973 :
41-42. [Abstract].
642. MAHANAMA, Gamini
Snake-bite myths and cures. Loris 11 (2) 1967 :
105-107.
643. PERIS, Lancelot
A kabaragoya and his dinner. Loris 11 (2) 1967 :
104-105.
644. PERUMAINAR, M.
Effects of hump-nosed viper bite. Proc. CAAS. 29
(1) 1973 : 40-41. [Abstract].

645. PERUMAINAR, M.
The effect of Russell's viper venom on the
rat kidney. Proc. CAAS. 29 (1) 1973 : 40.
[Abstract].
646. PONNAMBALAM, C.
Ceylon snakes : only five of 64 species can deal
death. Loris 8 (6) 1960 : 378-381.
647. RATNAVIRA, G.
The golden tree snake Chrysopelea ornata S. Pol
Mal Karawala. Loris 14 (4) Dec. 1977 : 233-234.
648. SOMANADER, S.V.O.
Iguana-hunting in Ceylon. Ceylon Today 12 (7)
July 1963 : 19-21.
649. WEINMAN, A.N.
The deadly king. Loris 8 (5) 1960 : 281-285.
650. WHITAKER, Romulus and WHITAKER, Zahida
Sri Lanka crocodile survey. Loris 14 (4) Dec.
1977 : 239-241.
651. YAPA, A.C.
Snakes and man. Loris 14 (4) Dec. 1977 : 214-218.
See also nos. 426, 482
- 598.2 - Aves. Birds. Ornithology.
652. BROHIER, R.L.
Confound that crow. Loris 8 (5) 1960 : 313-314.
653. CAMERON, R. McL.
Notes from the Ceylon Bird Club, January-June, 1962.
Loris 9 (4) 1962 : 264-265.
654. DE ALWIS, W.L.E.
The birds of Wilpattu. Ceylon Today 12 (11) Nov.
1963 : 17-19.
655. DE JONG, Audrey C.
Plasmodium dissanaikai n. sp. a new avian malaria
parasite from the rose-ringed parakeet of Ceylon,
Psittacula krameri manillensis. Cey. J. Med. Sci.
20 (2) 1971 : 41-45, 1 pl.

656. DE SILVA, Chula
Loten's sunbird. Loris 14 (4) Dec. 1977 : 242.
657. DE ZYLVA, T.S.U.
Happy hours in a Heronry. Loris 9 (4) 1962 :
258-261.
658. DE ZYLVA, T.S.U.
The white-throated babbler. Loris 11 (2) 1967 :
102-103.
659. DEVASAHAYAM, C. Lawrence
Birds of economic value to man. Agriculture 7,
Apr. 1967 : 36-41.
660. DISSANAIKE, A.S.; NELSON, Pathmathevy; FERNANDO,
M. Agnes and NILES, W.J.
Studies on haemosporidia of Ceylon birds with
special reference to plasmodia. Cey. Vet. J. 13 (3)
1965 : 65-75.
661. EBBELS, D.L.
Birds of Idalgashinna. Loris 9 (1) 1961 : 27-28.
662. EBBELS, D.L.
Notes from the Ceylon Bird Club for 1960. Loris.
9 (1) 1961 : 43-44.
663. FERNANDO, V.M.
The sunbirds and the crow. Loris 8 (5) 1960 :
312-313.
664. FLEMING, jr. Robert L.
Comments on the endemic birds of Sri Lanka.
Colombo, Ceylon Bird Club and Wildlife and Nature
Society of Sri Lanka, 1977. ii, 13 p.
665. HENRY, G.M.
An evening's bird-watching. Loris 13 (3) 1974 :
138-139, 177.
666. HOFFMANN, Th. W.
Notes from the Ceylon Bird Club. Loris 13 (4)
1974 : 211-214.
667. HOFFMANN, Th. W.
Notes from the Ceylon Bird Club. 1976. Loris.
14 (3) June 1977 : 154-156.

668. JAYASEKERA, Alick
It's fledgling time now : new life comes to
the tank country. Loris 9 (1) 1961 : 30-33.
669. JAYAWARDENE, E.D.W.
Breeding the Malabar or Indian blue-winged
Parrakeet (Psittacula columboides). Avicultural
Magazine, Hertford, 69 (4) 1963 : 136-138.
670. JAYEWARDENE, Jayantha
The Weaver birds of Sri Lanka. Loris 14 (3)
June 1977 : 160-161.
671. KOTAGAMA, S.W.
Clutch size of the night heron Nycticorax nycticorax
(Linnaeus) breeding at the National Zoological Gardens,
Dehiwela. Proc. SLAAS. 33 (1) 1977 : 49.
[Abstract]
672. MUNIDASA, K.G.H.
Where do migrants go to breed? Loris 11 (2) 1967 :
97-101.
673. NORRIS, C.E.
The blacked-necked stork. (Xenorhynchus asiaticus
asiaticus). Loris 14 (3) June 1977 : 138-140.
674. NORRIS, C.E.
The blue tailed bee-eater Merops philippinus
Linnaeus, nesting in Ceylon. Journal of the Bombay
Natural History Society (India) 60 (1) 1963 : 259.
675. NORRIS, C.E.
The buff-breasted sandpiper, Tryngites subruficollis
(Vieillot) : an addition to the avifauna of India and
Ceylon. Journal of the Bombay Natural History Society
(India) 57 (2) 1960 : 411-412.
676. NORRIS, C.E.
The comb-duck or nukta Sakidiornis M. Melanotus.
Loris 9 (1) 1961 : 28-30.
677. NORRIS, C.E.
Field guide to the birds of Ceylon. Loris 10 (4)
1965 : 229-231.
678. PERIES, H.E.
Mathematical models for animal populations. Proc.
CAAS. 27 (1) 1971 : 102. [Abstract].

679. PUNCHIHEWA, Gamini de S.G.
Our jungle and folk lore. Ceylon Today 20
(9/10) Sept. - Oct. 1971 : 41-44.
680. RANASINGHE, Douglas
Injury feigning by the Ceylon little Minivet
(Periorcootus cinnamomeus cinnamomeus). Loris
14 (4) Dec. 1977 : 235.
681. SENEVIRATNE, K.N.
Histophysiology of the retina of the loris.
Proc. CAAS. 21 (1) 1965 : 11. [Abstract].
682. SOMANADER, S.V.O.
The Ceylon hoopoe. Loris 11 (2) 1967 : 101-102.
683. SOMANADER, S.V.O.
Photographing sunbirds with "hide". Ceylon
Today 16 (3) Mar. 1967 : 20-23.
684. SOMANADER, S.V.O.
The southern crow-pheasant. Loris. 8 (6) 1960 :
363-364.
685. SOMANADER, S.V.O.
Watching Ceylon's white ibis. Ceylon Fortnightly
Review (Colombo). 14 (11) 6 Oct. 1961 : 21.
686. SOMANADER, S.V.O.
The white-breasted king-fisher. Ceylon
Fortnightly Review 13 (8) 26 Aug. 1960 : 21.
687. SOMASUNDERAM, Bagi
Birds of Udawattakelle. Loris 14 (4) Dec. 1977 :
244.
688. STEVENSON, M.
W. Vincent Legge : Ceylon's soldier ornithologist.
Loris 9 (4) 1962 : 219-223; Reprinted: ibid. 14 (4)
1977 : 202-205.
689. TIRIMANNE, Vimal
The Hoopoe (Upupa epops). Loris 14 (4) Dec. 1977 :
211-213, 251.
690. WEINMAN, A.N.
Feeding and housing of aviary birds. Loris 8 (6)
1960 : 359-361.

691. WEINMAN, A.N.
The Grackle or hill Mynah. Loris 9 (1)
1961 : 23-26.
692. WIKRAMANAYAKE, E.B.
The devil bird. Loris. 9 (1) 1961 : 33-34.
693. WIKRAMANAYAKE, E.B.
Go to the birds. Colombo, Wildlife and Nature
Protection Society of Sri Lanka and The Ceylon Bird
Club, 1977. [vi], 72 p.
694. WIKRAMANAYAKE, E.B.
Nests of some Ceylon birds. Loris 11 (2) 1967 :
92-95.
695. WIKRAMANAYAKE, E.B.
Why I go bird-watching. Loris 8 (6) 1960 :
361-363.

See also nos. 455, 698

599 - Mammalia. Mammals.

696. EISENBERG, J.F. and McKAY, George M.
An annotated checklist of the recent mammals of
Ceylon with keys to the species. Cey. J. Sci.
(Bio. Sci.) 8 (2) 1970 : 69-99.
697. JAYATILAKA, A.D.P.
Arachnoid granulations and arachnoid villi in
mammals. Proc. CAAS. 23 (1) 1967 : 14. [Abstract].
698. KARUNARATNE, P.B.
Random notes on mammals and birds of the
Kanneliya jungles. Loris. 13 (3) 1974 : 164-168.
699. RANA'UNGA, K.W.
A comparison between mammalian and frog skeletal
muscle. Ph.D. thesis. University of Bristol, 1968-69.
(Unpublished).

599.3 - Placentalia (Eutheria)

599.32 - Rodentia. Rodents : Rabbits, Rats, Porcupines.

700. ARSECULERATNE, S.N.
A preliminary report on Actinobacillosis as a natural infection in laboratory rabbits. Cey. Vet. J. 9 (1/2) 1961 : 5-8.
701. BALASUBRAMANIAM, K.; REGINALD, G.J. and WLJESUNDERA, S.
Acid phosphatase isoenzymes in rat liver lysosomes. Proc. CAAS. 23 (1) 1967 : 64-65.
[Abstract].
702. BANDARANAYAKE, R.C.D.W.D.
The effects of certain experimental and physiological conditions on the cells of the supraoptic and paraventricular nuclei of the rat's hypothalamus. Ph.D. thesis. University of London, 1967. (Unpublished).
703. BANDARANAYAKE, R.C.D.W.D.
Neurosecretory axon pathways in the hypothalamus of the rat. Proc. CAAS. 24 (1) 1968 : 13-14.
[Abstract]
704. DE COSTA, Noel
The Porcupine (Hystrix leucurus) S. Itthāva. Loria 14 (3) June 1977 : 141-144.
705. DIAS, P.L.R.
Effects of cross innervation on the motor and plates of fast- and slow-twitch muscles of the rabbit. Proc. CAAS. 30 (1) 1974 : 20-21. [Abstract].
706. DISSANAYAKE, S.
Effect of anti-immunoglobulins on rabbit peripheral blood lymphocytes. J. Nat. Sci. Coun., Sri Lanka. 5 (1) 1977 : 75-86.
707. JAYASENA, K.; ARSECULERATNE, S.N.; PANABOKKE, R.G. and WLJESUNDERA, S.
Degranulation of rat mast cells and release of histamine from the rat diaphragm by the toxin of clostridium sordellii. Proc. CAAS. 24 (1) 1968 : 9-10. [Abstract].

708. NITYANANDE, K.

Leptospiiral infection of rodents trapped in the area of the Colombo Municipality (a preliminary report). Proc. CAAS. 22 (1) 1966 : 12.

[Abstract].

709. RATNAPALA, P.R.

Immunity to repeated infections in cotton rat filariasis. M.Sc. thesis. University of Salford, 1973. (Unpublished).

710. SAMARASINGHE, D.D.

The innervation of the oesophagus in the mouse - an electron microscope study. Proc. CAAS. 25 (1) 1969 : 11-12. [Abstract].

See also nos. 437, 485, 489-91, 493-4, 496, 500-2, 509, 521.

599.5 - Cetacea. Whales and Dolphins

711. DERANIYAGALA, P.E.P.

A new beaked whale from Ceylon. Ceylon Today 12 (3) Mar. 1962, : 13-14.

See also no. 635

599.55 - Sirenia. Dugongs

712. CRUSZ, H.

Dugongs - a zoological romance. Loris 8 (5) 1960 : 300-302.

713. JONKLAAS, Rodney

Some observations on Dugongs (Dugong dugong - Erxleben). Loris 9 (1) 1961 : 1-8.

714. JONKLAAS, Rodney

The vanishing dugongs. Loris 8 (5) 1960 : 302-304.

715. NORRIS, C.E.

The Dugong : the distribution of the Dugong in Ceylon. Loris 8 (5) 1960 : 296-300.

716. SPITTEL, R.L.

A sanctuary for dugongs. Loris 8 (5) 1960 : 304-305.

See also no. 635

599.6 - Ungulata (hoofed mammals)

717. EISENBERG, J.F. and McKAY, G.M.

Comparison of ungulate adaptations in the New World and Old World tropical forests with special reference to Ceylon and the rainforests of Central America. In: V. Geist and F. Walther eds. The behaviour of ungulates and its relation to management. Morges (Switzerland), International Union for Conservation of Nature and Natural Resources, 1974. pp. 585-602. (IUCN Publications new series, no. 24).

718. EISENBERG, J.F. and SEIDENSTICKER, John

Ungulates in Southern Asia : a consideration of biomass estimates for selected habitats. Biological Conservation (England) 10 (4) Dec. 1976 : 293-305.

719. McKAY, G.M. and EISENBERG, J.F.

Movement patterns and habitat utilization of ungulates in Ceylon. In: V. Geist and F. Walther, eds. The behaviour of ungulates and its relation to management. Morges (Switzerland), International Union for Conservation of Nature and Natural Resources, 1974. (IUCN Publications (N.S.) no. 24). pp. 708-721.

599.61 - Elephants

720. ANON

Our elephants. Ceylon Today 9 (2) Feb. 1960 : 21-23. [Reproduced from the Report of the Committee on the Preservation of Wild Life].

721. ANON

Special protection for elephants. Ceylon Today 19 (9/10) Sept. - Oct. 1970 : 36-40. [From the Administration Report of the Director, Dept. of Wild Life, 1968-69].

722. DE ALWIS, M.C.L. and THAMBITHURAI, V.

Haemorrhagic septicaemia in a wild elephant in Ceylon. Cey. Vet. J. 13 (1) 1965 : 17-19.

723. FERNANDO, Lloyd

Save the elephant. Ceylon Today 9 (11) Nov. 1960 : 18-22.

724. JAINUDEEN, M.R.; BONGSO, T.A. and
PERERA, B.M.A.O.
Immobilization of aggressive working elephants
(Elephas maximus). Veterinary Record (England)
89 (26) 1971 : 686-688.
725. JAINUDEEN, M.R.; EISENBERG, J.F. and
JAYASINGHE, J.B.
Semen of the Ceylon elephant, Elephas maximus.
Journal of Reproduction and Fertility (England)
24 (2) 1971 : 213-217, 1 pl.
726. JAINUDEEN, M.R.; EISENBERG, J.F. and
TILAKERATNE, N.
Oestrous cycle of the Asiatic elephant, Elephas
maximus, in captivity. Journal of Reproduction and
Fertility (England) 27 (3) 1971 : 321-328, 1 pl.
727. JAINUDEEN, M.R.; KATONGOLE, C.B. and SHORT, R.V.
Plasma testosterone levels in relation to musth
and sexual activity in the male Asiatic elephant,
Elephas maximus. Journal of Reproduction and
Fertility (England) 29 (1) 1972 : 99-103, pl.
728. JAINUDEEN, M.R. and SCHEURMANN, E.
Erkrankungen des Arbeitselefanten (Elephas maximus)
in Sri Lanka (Ceylon) unter Berücksichtigung der
Diagnose - und Therapiemöglichkeiten im Lande.
[Diseases of working elephants (Elephas maximus) in
Sri Lanka (Ceylon) with reference to the local
possibilities of diagnosis and therapy]. Deutsche
Tierärztliche Wochenschrift 82 (9) 1975 : 355-359.
729. JAYASINGHE, J.B. and BRITO-BABAPULLE, L.A.P.
A report on an electrocardiogram of the Ceylon
elephant. Cey. Vet. J. 9 (3) 1961 : 69-70, 1 pl.
730. JAYASINGHE, J.B.; FERNANDO, S.D.A. and
BRITO-BABAPULLE, L.A.P.
The electrocardiogram of a baby elephant. American
Heart Journal (USA) 67, 1964 : 388.
731. JAYASINGHE, J.B.; FERNANDO, S.D.A. and
BRITO-BABAPULLE, L.A.P.
The electrocardiographic patterns of Elephas maximus -
the elephant of Ceylon. British Veterinary Journal
119, 1963 : 559-564.

732. JAYASINGHE, J.B. and JAINUDEEN, M.R.
A census of the tame elephant population in
Ceylon with reference to location and distribution.
Cey. J. Sci. (Bio. Sci.) 8 (2) 1970 : 63-68.
733. JAYASINGHE, J.B.; JAINUDEEN, M.R. and ATAPATTU, S.
Electrocardiograms of zoo animals. III. Baby
elephants. Cey. Vet. J. 15 (2) 1967 : 65-68.
734. JAYASURIYA, G.C.N.; JAYASINGHE, J.B. and
FERNANDO, S.D.A.
The chemical constituents of elephant blood.
Proc. CAAS. 20 (1) 1964 : 2. [Abstract].
735. JONES, D.M.
Elephant rescue in Sri Lanka. Oryx (England) 13 (2)
1975 : 185-190.
736. KODITUWAKKU, G.E.; DISSANAYAKE, K. and
SENEVIRATNE, D.
General anaesthesia in an elephant. Cey. Vet. J.
9 (3) 1961 : 75-76.
737. KURT, Fred
Remarks on the social structure and ecology of the
Ceylon elephant in the Yala National Park. In:
V. Geist and F. Walther, eds. The behaviour of
ungulates and its relation to management. Morges
(Switzerland), International Union for Conservation of
Nature and Natural Resources 1974. (IUCN Publications
new series, no. 24). pp. 618-634.
738. KURT, Fred
Smithsonian elephant survey. Loris 11 (2) 1967 :
56-61.
739. KURT, Fred and NETTASINGHE, A.P.W.
Estimation of body weight of the Ceylon elephant
(Elephas maximus). (A short communication). Cey. Vet. J.
16 (1/2) 1968 : 24-27.
740. McGAUGHEY, C.A.
The diseases of elephants. Part I - Cey. Vet. J., 9
(1/2) 1961 : 17-21; Part II - ibid. 9 (3) 1961 : 41-48;
Part III - ibid. 9 (4) 1961 : 94-98; Part IV - ibid.
10 (1) 1962 : 3-9; Part V - Internal parasites. ibid.
10 (2/3) 1962 : 61-64; Part VI - Diseases of the eye.
ibid. 13 (1) 1965 : 7-9.

741. McGAUGHEY, C.A.
Musth. Cey. Vet. J. 11 (4) 1965 : 105-107.
742. NETTASINGHE, A.P.W.
The inter-relationship of livestock and elephants at Thamankaduwa farm, with special reference to feeding and environment. M.V.Sc. thesis. University of Sri Lanka, Peradeniya, 1973. (Unpublished).
743. PINTO, M.R.M.; JAINUDEEN, M.R. and PANABOKKE, R.G.
Tuberculosis in a domesticated asiatic elephant Elephas maximus. Veterinary Record (England) 93 (26) 1973 : 662-664.
744. PUNCHIHEWA, Gamini
Elephant capers. Loris 14 (4) Dec. 1977 : 217-218.
745. SENEVIRATNA, P. and JAYASINGHE, J.B.
Some parasites from the Ceylon Elephant (Elephas maximus). (A short communication). Cey. Vet. J. 16 (1/2) 1968 : 23.
746. SENEVIRATNA, P.; JAYASINGHE, J.B. and JAINUDEEN, M.R.
Filariasis of elephants in Ceylon. Veterinary Record (England) 81 (27) 1967 : 716-717. [Letter].
747. SENEVIRATNA, P.; WETTIMUNY, S.G. de S. and SENEVIRATNA, D.
Fatal tuberculous pneumonia in an elephant. Veterinary Medicine / Small Animal Clinician (USA) 61, 1966 : 129-132.
748. SOMANADER, S.V.O.
Wild elephants as water-diviners. Ceylon Today 15 (9) Sept. 1966 : 23-25.
749. VANCUYLENBERG, B.W.B.
The feeding behaviour of the Asiatic elephant in South-Eastern Ceylon. M.Sc. thesis. University of Sri Lanka, Peradeniya Campus, 1974. (Unpublished).
750. VANCUYLENBERG, B.W.B.
Feeding behaviour of the Asiatic elephant in South-East Sri Lanka in relation to conservation. Biological Conservation (England) 12 (1) July 1977 : 33-54.
751. WLJESEKERA, R.O.B. and JAYASINGHE, J.B.
Chemical assay of total neutral 17-ketosteroids in the urine of the Ceylon elephant. Cey. Vet. J. 15 (3) 1967 : 105-106.

See also nos. 409

599.73 - Artiodactyla (even-toed ungulates)

752. DISSANAIKE, A.S. and PARAMANANTHAN, D.C.
On the occurrence and significance of hydatid
cysts in the Ceylon sambhur Rusa unicolor unicolor.
Cey. J. Med. Sci. 11, 1962 : 1-7, 1 pl; Proc. CAAS.
17 (1) 1961 : 7. [Abstract].

753. TUTEIN-NOLTHENIUS, A.C.
Our deer. Loris 14 (3) June 1977 : 147-149.

599.74 - Carnivora : Cats, tigers, leopards, lions, etc.

754. ALTENDORFF, A.H.
The man-eater of Punani. Loris 10 (5) 1966 :
311-317.

755. DE ALWIS, Lyn
Wild cats of Ceylon. Loris 11 (2) 1967 : 77.

756. DE ALWIS, W.L.E.
Status of Southeast Asia's small cats. In: R.L.
Eaton, ed. The world's cats. Vol. I - Ecology and
conservation. Oregon, John Wiley & Sons, Inc., 1973.
pp. 198-208, 2 pls.

757. FERNANDO, S.D.A.
An investigation on the histology and histochemistry
of the skin lining the external acoustic meatus of the
ferret and fox. Cey. Vet. J. 12 (3) 1964 : 30-33.

758. JAYASINGHE, J.B.; FERNANDO, S.D.A. and
BRITO-BABAULLE, L.A.P.
A recording of the electrocardiogram of the lion.
Cey. Vet. J. 11 (1) 1963 : 16-18.

759. JAYASINGHE, J.B.; FERNANDO, S.D.A. and
FERNANDO, W.W.D.
Electrocardiograms of zoo animals. II. Leopard and
wallaby. Cey. Vet. J. 12 (1/2) 1964 : 21-22.

760. JAYASINGHE, J.B.; FERNANDO, S.D.A. and
FERNANDO, W.W. Dennis.
A report on an electrocardiographic recording of a
2-month old jaguar (Felis onca). Cey. Vet. J., 11 (3)
1963 : 99-100.

761. MUCKENHIRN, N.A. and EISENBERG, J.F.
Home ranges and predation of the Ceylon leopard. In: R.L. Eaton ed. The world's cats, Vol. 1 : Ecology and conservation. Winston, Oregon, World Wildlife Safari and John Wiley, 1973. pp. 142-175, 4 pls.

762. RAMBUKWELLA, A.T.
The leopard. Loris 14 (4) Dec. 1977 : 208-210.

See also no. 463

599.8 - Primates : Monkeys, langurs, orang-utam, etc.

763. BECK, B.B. and TUTTLE, R.H.
The behavior of gray langurs at a Ceylonese water hole. In: R. Tuttle, ed. The functional and evolutionary biology of primates. Chicago, Illinois, Aldine Publishing Co., 1972. pp. 351-377.

764. DE SILVA, G.S.
Notes on the orang-utam rehabilitation project in Sabah. Malayan Nature Journal 24 (2) 1971 : 50-77, 5 pls.

765. DITTUS, Wolfgang P.J.
Population dynamics of the toque monkey, Macaca sinica. In: R.H. Tuttle, ed. Socioecology and psychology of primates. The Hague, Mouton Publ., 1975. pp. 125-152.

766. DITTUS, Wolfgang P.J.
The socioecological basis for the conservation of the toque monkey (Macaca sinica) of Sri Lanka (Ceylon). In: Primate conservation, edited by His Serene Highness Prince Rainier III of Monaco and Geoffrey H. Bourne. New York and London, Academic Press, 1977. pp. 237-265.

767. EISENBERG, J.F.; MUCKENHIRN, N.A. and RUDRAN, R.
The relation between ecology and social structure in primates. Science (USA) 176, 1972 : 863-874.

768. FAROOK, S.M.S.
Primates of Ceylon. 1. Loris. 13 (3) 1974 : 149-150, 176.

769. HLADIK, C.M. and HLADIK, A.
Disponibilités alimentaires et domaines vitaux des primates a Ceylan. Terre et la Vie (France) 1972 : 149-215.
770. JAINUDEEN, M.R. and HAFEZ, E.S.E.
Egg transport in the macaque (Macaca fascicularis). Biology of Reproduction (England) 9 (3) 1973 : 305-308.
771. JAINUDEEN, M.R. and HAFEZ, E.S.E.
Gonadotrophin-induced multiple ovulation in the crab-eating monkey, Macaca fascicularis. Journal of Reproduction and Fertility (England) 33 (1) 1973 : 151-154, 2 pls.
772. RUDRAN, Rasanayagam
Adult male replacement in one-male troops of purple-faced langurs (Presbytis senex senex) and its effect on population structure. Folia Primatologica (Switzerland) 19, 1973 : 166-192.
773. RUDRAN, Rasanayagam
Socioecology of the blue monkeys (Ceropithecus mitis stuhlmanni) of the Kibale forest, Uganda. Washington, Smithsonian Institution Press, 1978. iv, 88 p. (Smithsonian contributions to zoology, no. 249).
774. SOMANADER, Kenneth J.
Operation monkey. Ceylon Today. 15 (10) Oct. 1966 : 12-17.

See also nos. 427, 431, 483, 486, 488, 498, 523.