

CURRICULUM VITAE: Dr Michael John Fulford Jarvis

General Background

Born in Dar-es-salaam, Tanzania 19 June 1942.

Parents both British subjects. My father was a Specialist surgeon with the British Colonial Service in Tanzania and Kenya.

Primary schooling at Nairobi Primary & Secondary schooling at Prince of Wales in Nairobi.

Academic qualifications

B. Sc. (Zoology & Botany majors- Other subjects: Chemistry, Physics & Economic Geography). University of Cape Town. June 1965.

B. Sc. (Honors) in Zoology. University of Cape Town December 1965.

PhD. University of Cape Town 1971. Thesis: Ethology and Ecology of *Sula capensis*

Completed first year Bachelor of Education, University of Cape Town.

Experience in Research & Management with Posts held.

1966-1968: Research Assistant to Prof. G.J. Broekhuysen, Zoology Department, University of Cape Town.

1969-1971 : Assistant Organiser of Bird Ringing for Southern African Ornithological Society, Percy FitzPatrick Institute of African Ornithology, Cape town.

1971-1975 : Professional Officer Ornithology, Cape Department of Nature and Environmental Conservation.

1975-1983 : Senior Ecologist (Ornithology & Problem animals), Department of National Parks and Wildlife Management, Harare, Zimbabwe.

1983-1984 : Research into Ostrich biology and commercial breeding, Oasis Ostrich farm, Mogwase, South Africa.

1984-1994 : Specialist Agricultural Researcher (Zoology & Ornithology), Department of Agricultural Development, Private Bag Elsenburg, South Africa.

1994-current: Ostrich Farming Consultant.

1997-current: Director of Fact and Faith Publications

Other Experience

I have given lectures to schools, universities and public groups on a variety of wildlife and agriculture oriented subjects, including many illustrated seminars on all aspects of ostrich behaviour and farming.

In 1972, 1973 and 1974, I organised the University of Cape Town Mountain Club to ring Cape Vulture chicks at a cliff colony near Bredasdorp, as part of a study of the decline of this threatened species.

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In 1976 I was Ornithologist with an expedition to the Okavango swamps, Botswana to collect bird specimens for the Bulawayo Museum.

For 5 years from 1977 our family started and ran the first Ostrich farm in Zimbabwe and I conducted research into many aspects of ostrich nutrition.

In 1993 I conducted a One Man Commission of Enquiry on behalf of the South African Minister of Agriculture. This was an enquiry into the policy relating to control of the Quelea bird problem in Southern Africa. Quelea birds are recognised as the world's greatest problem bird in agriculture. Motivation for the enquiry was a public outcry over death of eagles following Department of Agriculture destruction of Quelea concentrations.

Research has included studies aimed at reducing mole damage to agriculture and to road surfaces. This involved experiments with physical barriers and with poison baits.

Research has covered a number of other topics, including bird damage in vineyards, feeding behaviour of various eagles, waterfowl and gamebird management and hunting policies.

Conferences attended, at which I presented a paper.

- 1969 Pan African Ornithological Congress, Kruger Park, S. Africa.
- 1971 Zoology Society Symposium, Durban, S. Africa.
- 1973 Wildlife Management Association Symposium, Pretoria, S. Africa.
- 1976 Pan-African Ornithological Congress, Seychelles.
- 1977 Symposium on African Predatory birds, Pretoria, S. Africa.
- 1980 Fifth Pan-African Ornithological Congress, Malawi.
- 1982 10th Vertebrate Pest Conference, Monterey, California, U.S.A.
- 1983 Birds and Man symposium, Pretoria, S. Africa.
- 1984 Symposium on Gamebirds in Southern Africa, Pretoria, S. Africa.
- 1984 Pan -African Ornithological Congress, Botswana.
- 1991 Ostrich Research Seminar, Oudtshoorn, S.Africa.
- 1993 Ostrich Symposium, Belgium.
- 1994 Ostrich Symposium, Dallas, Texas, U.S.A.
- 1994 Ostrich Symposium, Portland , Oregon, U.S.A.
- 1994 Ostrich Symposium, Calgary, Canada.
- 1994 Ostrich Symposium, Canberra, Australia.
- 1995 Ostrich Symposium, Winnipeg, Canada
- 1995 Ostrich Symposium, Melbourne Australia.
- 1995 Ostrich Symposium, Gabarone, Botswana
- 1996 Ostrich Symposium, Salem, South Africa.
- 1996 Ostrich Symposium, Rustenburg, South Africa.
- 1996 Ostrich Symposium, Bloemfontein, South Africa.
- 1996 Ostrich Symposium, Gobabis, Namibia.
- 1997 Ostrich symposium, Ist International, Oudtshoorn, South Africa.
- 1997 Ostrich symposium, United Kingdom

1998 2nd International Ostrich Symposium, Oudtshoorn, South Africa.
2000. Ostrich Farming Seminar, South Island, New Zealand.

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SUMMARY OF SPECIALITIES

- 1 Ostrich industry, including research and practical farming background.
- 2 Bird problems in agriculture, including the Red-billed Quelea problem, bird damage to crops in the Western Cape region of South Africa and feeding habits of large eagles in livestock farming areas of South Africa.
3. Waterfowl and terrestrial game bird management.
4. Science and faith interactions.

PUBLICATIONS : (103 TITLES) 36 on ostriches shown in bold.

JARVIS, M.J.F. 1965. Reactions of some Cape Sugarbirds *Promerops cafer* to objects placed on their nests. J. SCIENCE SOCIETY, University of Cape Town : 19-21.

JARVIS, M.J.F. 1970. Interactions between man and the South African gannet *Sula capensis* OSTRICH Suppl 8 : 497-513.

JARVIS, M.J.F. 1970. The White-breasted cormorant in South Africa. OSTRICH 41:118-119.

JARVIS, M.J.F. 1970. A problem in banding penguins. OSTRICH 41: 120-121.

ELLIOTT, C.C.H. & JARVIS, M.J.F. 1970. Fourteenth Ringing Report. OSTRICH 41: 1-117

JARVIS, M.J.F. & CRAM, D.L. 1971. Bird Island Lambert's Bay South Africa: an attempt at conservation. BIOLOGICAL CONSERVATION 3 : 269-273.

JARVIS, M.J.F. 1971. Ethology and Ecology of the South African Gannet *Sula capensis*. PhD thesis, University of Cape Town Zoology Department.

JARVIS, M.J.F. 1971. The South African Gannet. University of Cape Town Press. 10 pp.

JARVIS, M.J.F. 1971. The systematic position of the South African Gannet. OSTRICH 43: 211-215.

ELLIOTT, C.C.H. & JARVIS M.J.F. 1972. Fifteenth Ringing Report. OSTRICH 43: 236-295.

- JARVIS, M.J.F. 1973. A comparison of methods in a behaviour study of the South African Gannet. ZOOLOGICA AFRICANA 7 : 75-83.
- ELLIOTT, C.C.H. & JARVIS, M.J.F. 1973. Fifteenth Ringing Report continued. OSTRICH 44 : 24-78.
- JARVIS, M.J.F., SIEGFRIED, W.R. & CURRIE, M.H. 1974. Conservation of the Cape Vulture in the Cape Province. J. SOUTH AFRICAN WILDLIFE MANAGEMENT 4 : 29-34.
- JARVIS, M.J.F. 1974. The ecological significance of clutch size in the South African Gannet *Sula capensis* Lichtenstein. J.ANIMAL ECOLOGY 43: 1-17.
- JARVIS, M.J.F. 1974. High tension power lines as a hazard to larger birds. OSTRICH 45: 262.
- JARVIS, M.J.F. 1974. Ringing Cape Vultures. AFRICAN WILDLIFE 28 : 23-25.
- JARVIS, M.J.F. & CURRIE, M.H. 1974. Breeding the Purple-crested Lourie *Tauraco porphyrelophus* . AVICULTURE MAGAZINE 80 : 217-219.
- JARVIS, M.J.F. 1975. Long-crested Eagle. WILD RHODESIA 7 : 31-32.
- JARVIS, M.J.F. 1976. Long-tailed Glossy Starling near lake Mcllwaine. HONEYGUIDE 89: 43.
- JARVIS, M.J.F. 1976. Cape shoveler at lake Mcllwaine. HONEYGUIDE 89: 43.
- JARVIS, M.J.F. 1976. The case for the Mallard. WILD RHODESIA 9: 26-28.
- JARVIS, M.J.F. 1977. Gamebird management and utilisation. NATURAL RESOURCES BOARD , Zimbabwe 40 pp.
- LA GRANGE, M. & JARVIS, M.J.F. 1977. Quelea finch ground control manual. Department of National Parks & Wildlife Management. GOVERNMENT PRINTER, Harare. 14 pp
- JARVIS, M.J.F. 1978. Some methods of determining raptor food preferences. RHODESIA SCIENCE NEWS 12 : 188-189.
- JARVIS, M.J.F. 1978. *Sula bassana capensis* African or Cape Gannet. In NELSON, J.B. The Sulidae. Oxford University Press : 231-265.
- JARVIS, M.J.F. & CRICHTON, J. 1978. Notes on Long-crested eagles in Rhodesia. PROC. SYMPOSIUM ON PREDATORY BIRDS 1977. Pretoria : 17-24.

- JARVIS, M.J.F. 1979. Color plates of Long-crested eagles and Crowned eagles. In
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- JARVIS, M.J.F. & CURRIE, M.H. 1979. Breeding of captive Knysna and Purple-crested
Louries. OSTRICH 50:38-44.
- JARVIS, M.J.F. 1979. Where eagles dare. AFRICAN WILDLIFE 33 : 24-26.
- JARVIS, M.J.F, CURRIE, M.H. & PALMER N.G. 1980. Food of Crowned eagles in the Cape
Province, South Africa. OSTRICH 51: 215-218.
- JARVIS, M.J.F., BOURNE, H. & CURRIE, M.H. 1980. Some observations of Fish Eagle
twins. BOKMAKIERIE 32: 84-85.
- JARVIS, M.J.F. 1980. National waterfowl survey. ZIMBABWE SCIENCE NEWS 14 : 164.
- JARVIS, M.J.F. 1980. The capture of wild birds on crops. ZIMBABWE WILDLIFE 25: 24-25.
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HONEYGUIDE 106: 11-13.
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95- 100.
- JARVIS, M.J.F.1983. Recommendations for duck management in Zimbabwe. National Parks
& Wildlife Management Publication. GOVERNMENT PRINTER, Harare:14pp.
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- JARVIS, M.J.F. 1985. Egyptian fruit bats *Rousettus aegyptiacus* in an apple orchard : a preliminary investigation. INTERNATIONAL PEST CONTROL 27: 38-40.
- JARVIS, M.J.F. 1985. Birds and Man interactions in Zimbabwe. PROC.BIRDS & MAN SYMPOSIUM, Johannesburg : 119-130.
- JARVIS, M.J.F, KEFFEN, R.H. & JARVIS, C. 1985. Breeding seasons and laying patterns of the Southern African Ostrich *Struthio camelus* IBIS 127 : 442-449.**
- JARVIS, M.J.F, KEFFEN R.H. & JARVIS, C. 1985. Some physical requirements for Ostrich egg incubation OSTRICH 56 : 42-51.**
- VAN HEERDEN, J, DAUTH, J. & JARVIS, M.J.F. 1985. Blood chemical and electrolyte concentrations in the ostrich *Struthio camelus* J.SOUTH AFRICAN VETERINARY ASSOCIATION June : 75-78.**
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- JARVIS, M.J.F. 1986. Problem birds in wheat. ELSENBURG JOURNAL; 40-42.
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- JARVIS, M.J.F. & MUNDY, P.J. 1989. Bibliography of the southern races of the Red-billed Quelea, *Quelea quelea lathamii* and *Quelea quelea spoliator*. In Mundy, P.J. & Jarvis, M.J.F. (Eds). Africa's Feathered Locust. Baobab Books, Harare: 156-166.
- JARVIS, M.J.F. & HEYL, C.W. 1989. The use of Mist Nets for problem bird control in vineyards. Dept. Agricultural Development , Elsenburg, Publication 17pp.
- JARVIS, M.J.F. & HEYL, C.W. 1990. Reducing bird damage in vineyards. DECIDUOUS FRUIT GROWER, Jan : 12-13.
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- JARVIS, M.J.F. 1993. A new approach to ostrich feeding. FARMERS WEEKLY, October 22: 20-22**
- JARVIS, M.J.F. 1994. Rearing chicks on concrete. FARMERS WEEKLY, March 11 : 48**
- JARVIS, M.J.F. 1994. Better fencing for big birds. FARMERS WEEKLY, March 4 : 14.**
- JARVIS, M.J.F. 1994. Incubation techniques and trouble shooting. PROCEEDINGS VETERINARY SEMINAR, Australian Ostrich Association 2 Sept: 39-44.**
- JARVIS, M.J.F. 1994,. Management recommendations for ostriches. EXCLUSIVELY OSTRICH (USA) 2 (8):46-66.**
- JARVIS, M.J.F. 1994. Breeding better slaughter ostriches. AMERICAN OSTRICH ASSOCIATION MIDYEAR MEETING. 4 pp.**
- JARVIS, M.J.F. 1994. Nutrition of wild ostriches. AMERICAN OSTRICH ASSOCIATION MIDYEAR MEETING. 4 pp.**
- JARVIS, M.J.F. 1994. Huge market for ostrich meat. FARMERS WEEKLY. February 25:25.**
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- JARVIS, M.J.F. 1995. The food of wild ostriches. THE RATITE JOURNAL July: 49-57.**
- JARVIS, M.J.F. 1995. Management recommendations for ostriches. THE RATITE JOURNAL August: 49-65.**
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March: 51-60.

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JARVIS, M.J.F. 1996. Breeding birds and their selection. THE RATITE JOURNAL April:
51-56.

JARVIS, M.J.F. 1996. The different types of ostriches. SA OSTRICH Aug-Oct 1996.

JARVIS, M.J.F. 1996. Ostriches: This way to even better days. FARMERS WEEKLY
December 13: 6-10.

JARVIS, M.J.F. 1997. Ostrich egg production. SA OSTRICH April/May: 19-23

JARVIS, M.J.F. 1997. More on ostrich leather: slaughter quality birds by 9/10 months.
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JARVIS, M.J.F. 2008. Big Bang Christianity. 204 pp. ISBN 978-0-9802770-1-2

JARVIS, M.J.F. 2009. Ubuntu Christianity: 104 pp. ISBN 978-0-9802770-6-7

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