

CHARLES HOANI SCOTT DOLLING



Scott Dolling joined the staff of CSIRO's National Field Station, 'Gilruth Plains', Cunnamulla as Research Scientist in 1951 after graduating in Agricultural Science from the University of Adelaide, having been awarded earlier the Roseworthy Diploma of Agriculture (1947). From 1955 - 1967 he was Officer-in-Charge of the Station, working on the wool selection experiments as well as his own investigations relating to characters under single gene control.

In 1967 CSIRO closed 'Gilruth Plains' and between 1968-1986 Scott took the position of Principal Livestock Research Officer with the South Australian Department of Agriculture (and Fisheries), and formed an active research group on sheep and wool in that organisation. Since his retirement from the Public Service, Scott has continued to maintain a wide spectrum of interests including the documentation of identified loci and alleles in livestock species initiated through the Committee for Genetic Nomenclature of Sheep and Goats (COGNOSAG), of which he is currently President.

Scott's own scientific contributions have ranged widely including a large volume of work on quantitative genetics with Helen Newton Turner, Arthur Dunlop, Syd Young, Jim Walkley, John Stafford, Peter James and Raul Ponzoni. Scott's interest in the application of quantitative genetics matured in his role as Convenor of the Australian Sheep Performance Recording Coordinating Committee, appointed by the Animal Production Committee, that led to the development of recording systems for breeders of both wool sheep (Woolplan) and meat sheep (Lambplan).

Perhaps Scott's area of special interest has been the study of qualitative traits in sheep. Among his achievements are the definitive studies on the inheritance of polledness in the Merino and several British breeds of sheep, pigmentation in the Merino (together with Michael Brooker and Malcolm Fleet) and other unusual phenotypes in sheep (e.g. hypotrichosis and crytorchidism). For the work on horns he was awarded an M.Ag.Sc. from the University of Adelaide in 1959, and became Honorary Genetic Adviser to

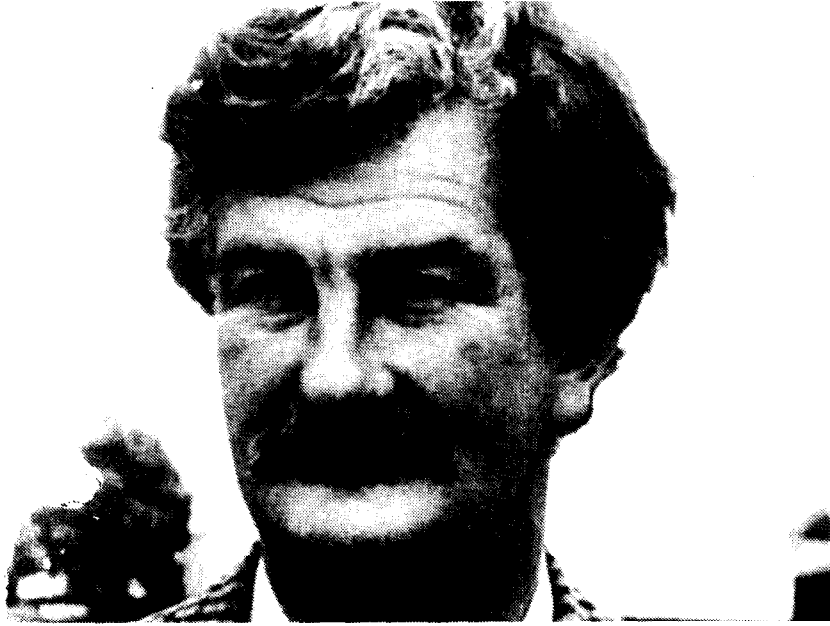
the Poll Dorset Association. Scott has also been active in other production research including the study of the efficiency of wool production with Rob Moore, Arthur Dunlop, Michael Carpenter and Laurie Piper. In recognition of his contribution to the Australian Sheep industry Scott was awarded the Order of Australia Medal in 1990.

He has always been keen to help the personal development of others in Australia (including his trainee scientists), in New Zealand and in third world countries. Scott is a regular visitor to New Zealand and has actively fostered the development of professional links between the two countries. He has served with the United Nations Development Programme in India and more recently conducted consultancies in China.

Scott has been an exemplary leader who insisted on high quality at all stages of experimentation from initial design to publication. Furthermore, he has had a very firm commitment to technology transfer having organised regular field days and seminars at 'Gilruth Plans'; and his extension publications include the texts *Poll Dorset Breeding* (1963) and *Breeding Merinos* (1970), together with notes on *Sheep Classing and Selection* for a course provided at the Douglas-Mawson Institute of TAFE. He has served in several capacities in other professional associations, including the Australian Society of Animal Production (ASAP), for which his contributions are recognised by Fellowship of ASAP (1986), and was one of the active participants in establishing the Australian Association of Animal Breeding and Genetics Inc.

This Fellowship Award reflects Scott Dolling's perpetual interest in research for the livestock industries and seeing the technology developed carried into practice, with one avenue being AAABG. For his eminent contribution to livestock breeding and to the foundation and continuance of AAABG, the Committee of the Australian Association of Animal Breeding and Genetics Inc. is pleased to award Charles Hoani Scott Dolling with a Fellowship of the Association.

JOHN RYVES HAWKER



John Ryves Hawker is a son of the late Mr John Hawker of 'Anama' Merino Stud, Clare, South Australia. 'Anama' is one of the four parent 'Bungaree' studs derived in 1906 from the original 'Bungaree' stud founded in 1841 by the late Hon. G.C. Hawker. Ryves gained a Diploma in Agriculture at the Royal Agricultural College, Cirencester, UK. Then he gained practical experience in New South Wales, Western Australia, Kenya and South Africa, as well as at 'Anama' and other areas of South Australia. Ryves started at 'Anama' as overseer and then became manager of Anama Pastoral Co., running the Red Angus herd and, with brother James, the Anama Merino Stud at Brinkworth and Booborowie, respectively.

Ryves is an innovator and industry leader and has played important roles in the following Committees:

- * Red Angus Society, Committee Member, past President
- * National Woolplan Coordinating Committee, former member
- * Clare Show Society, Committee Member and past President
- * CSIRO Animal Production Advisory Committee (NSW.), member
- * Waite Agricultural Research Institute Advisory Panel, former member
- * Performance Sheep Breeders' Association (SA), State Committee member
- * Department of Agriculture (SA) Ruminant Industry Review Committee, Chairman
- * SA Stud Merino Sheep Breeders' Association, Committee Member, past President
- * Sheep and Wool Advisory Group to the Department of Primary Industries (SA), member
- * Australian Society of Animal Production, former State and Federal Committee member
- * Australian Association of Animal Breeding and Genetics Inc, Foundation member and Past President
- * South Australian Sire Evaluation Scheme, Chairman

Ryves Hawker has been closely involved with the South Australian Stud Merino Breeders' Association, being a member of Council from 1978 to 1994 and President from 1988 to 1990. Throughout this time he has been (and remains) a member of the Scientific Liaison Sub-Committee of the Association. Ryves uses Beefplan and Rampower as an aid to selection of more productive animals. Although parent studs are by definition closed, he is open-minded and has introduced proven rams into both the Merino and Poll Merino studs with considerable success. Ryves has cooperated with scientists from the South Australian Research and Development Institute (SARDI) and the University of Adelaide to monitor genetic progress in the 'Anama' Merino stud, has assisted the development of the Turretfield Research Centre, and the Base Flock experiment, and has introduced Rambouillet rams from Texas as another approach to genetic improvement of the Merino.

Ryves Hawker's contributions to sheep and cattle production have been recognised by a Fellowship of the Australian Society of Animal Production, awarded in 1992. For his eminent contribution to livestock breeding and to the foundation and continuance of AAABG, the Committee of the Australian Association of Animal Breeding and Genetics Inc. is pleased to award John Ryves Hawker with a Fellowship of the Association.

JAMES LITCHFIELD



James Litchfield was educated at Tudor House and then King's school Parramatta and graduated in 1944. After a short period in the Navy he worked as a Jackeroo at Uardry Merino stud in the Riverina. In 1949, he returned to the home property Hazeldean and married Barbara Fraser the following year. James Litchfield is an innovator and industry leader as reflected by the important roles played on the following Committees:

- * Director of Hazeldean Pty. Ltd.
- * Director LM Agricultural Management
- * Chairman, Angus Society (NSW State Committee)
- * Member, NSW Sheepbreeders' Sire Evaluation Committee
- * Foundation Co-President, Federation of Performance Breeders
- * Director Toorallie Pty. Ltd. - Bombala - Knitwear production.
- * Member, CSIRO Division of Animal Production Advisory Committee
- * Agricultural representative Snowy-Monaro Regional Development Group
- * Scientific Liaison Committee, NSW Stud Merino Breeders' Association Ltd.
- * Chairman, Monaro Merino Association Sheep and Shed Certification Scheme
- * Member, Council of the Australian Association of Stud Merino Breeders Pty. Ltd.
- * Chairman, Producer sub-Committee for establishing a National Beef Recording Scheme
- * Foundation member of the Australian Association of Animal Breeding and Genetics Inc.
- * President and Life Governor, Council of the NSW Stud Merino Breeders' Association Ltd.

James has had the objective to constantly improve the genetic capacity of the stud flocks and, therefore, the flocks of clients. The breeding programme has been based on the principles of population genetics and a management regime that encourages true expression of genetic differences of heritable traits governing the capacity to turn grass into dollars. In the Merino stud, the selection strategy has for forty years involved objectively measured traits of economic importance, while disregarding traits of cosmetic value only, to achieve maximum progress that is reflected in greater realised productivity and gross margins.

The Hazeldean Angus stud was established in 1952. In 1954, James became directly involved in performance recording of the Merino stud sheep at Hazeldean. In 1960 performance recording of the cattle enterprise was commenced with Hazeldean becoming a foundation member of a pilot scheme that led to the National Beef recording scheme in 1972 and which has since flourished, reflecting the persistence and example provided by James Litchfield. The Hazeldean herd has become one of the most successful Angus herds in Australia, with a reputation for a product that is sound and reliable performance, that was achieved without reliance on show performance.

Hazeldean Merino stud occupies a similar position of high repute to that of the Angus enterprise. James Litchfield served on the Council of the NSW Stud Merino Breeders' Association Ltd. from 1965 to 1984 when he was appointed a Life Governor; being President of the Association from 1980 to 1982. He was also Foundation Co-President of the Australian Federation of Performance Breeders in the 1980's. James is noted for being an outstanding Merino sheep breeder, blending with performance measurement his own special judgements concerning constitution and conformation. The outstanding performance of Hazeldean rams in central-test sire evaluation schemes and of Hazeldean blood teams in wether trials reflects the success of James Litchfield's breeding programme.

James Litchfield is a quiet achiever who has been recognised by a number of other awards, including the Howard Yelland Award for service to the beef industry in 1986, a NSW Agriculture Shield for services to agriculture in 1990, and the Wool Foundation Eliza Furlonge Medal for services to sheep breeding and science in 1992. In recognition of eminent service to the sheep and beef cattle industries and contributions to AAABG, the Committee of the Australian Association of Animal Breeding and Genetics Inc. is pleased to award James Litchfield with a Fellowship of the Association.