
EDITORIAL PAGES

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EDITORIAL

The printed version of Volume 29 of *Metamorphosis*, for the year 2018, contains 21 articles and notes published on the website of the Lepidopterists' Society of Africa, <http://www.lepsocafrika.org/>. The *Metamorphosis* publications featured this year included seven taxonomic articles in which descriptions of one new genus, 15 new species and two new subspecies descriptions for Afrotropical Lepidoptera were given. A number of taxa were also synonymised or had their status reviewed. Mey erected a new genus, *Dukearbela* for a member of the family Metarbelidae from South Africa. Libert & Collins described three new species of *Liptena* (Poritiinae) and Edge described a new species of *Cooksonia* (Poritiinae). Gardiner & Espeland described a new species of *Lepidochrysops* (Polyommatainae) from Zambia and Sáfián described a stunning new *Junonia* (Nymphalinae) from the Nimba mountains in Guinea. A new subspecies of *Cymothoe fumana* (Limenitidinae) and a new subspecies of *Papilio pelodurus* (Papilionidae) were described by Pycz & Sáfián and Bayliss *et al.*, respectively. Finally, Nuponnen described eight new species in the family Scythridae.

Several papers on the biology of species of Lepidoptera were published. Reynolds wrote about the challenges of rearing the larvae of *Petovia marginata* (Geometridae). Roobas & Feulner contributed an interesting note on the use of *Petunias* as a larval host by *Junonia orithya*, in Dubai. Balona & Williams described, imaged and videoed the interaction of a larva of *Crudaria leroma* (Aphnaeinae) with *Anoplolepis* ants. Heath & Pringle gave an overview of the genus *Crudaria*, adding a number of new observations on their biology. Grehan & Ralston submitted a fascinating article on larval tunneling in the Keurboom Moth, *Leto venus*. Two papers reporting field observations for the Critically Endangered cycad moth *Callioratis millari* were written by Louw & Armstrong and Terblanche.

A number of papers dealt with lepidopteran distributions. Ducarme published a checklist of the more than 1 300 species of butterflies that he has recorded from Kivu Province in north-eastern Democratic Republic of Congo over the last 40 years. Forbes, who persuaded Ducarme to publish his work in *Metamorphosis*, submitted a checklist of the species recorded from Semuliki National Park in western Uganda. Moore & Sáfián wrote a note about the finding of *Charaxes cithaeron* (Charaxinae) on Mauritius for the first time and Ward *et al.* recorded further observations on this and other species from Mauritius. Lastly, Tchiboza and co-authors reported seven new butterfly species from Benin.

Volume 29 consists in total of 170 pages, and we have decided to publish the printed version in two volumes, referred to as Part 1 (82 pages) and Part 2 (86 pages). This will enable us to keep each part within the limit for airmail envelopes set by the South African Post Office of 300 g.

Last year we lost a stalwart of the Society, the wonderful André Claassens. This year we first lost the warm, generous and funny Dave McDermott. His obituary was written by Owen Garvie, who faithfully supported him during his difficult final years. Then in November we lost the all-round naturalist Cameron McMaster, describer of many butterflies and plants as detailed by Dave Edge.

I have been the (reluctant) volunteer editor from January 2017 until now. From next year Dave Edge, my indispensable Sub Editor, will be taking on the time-consuming and difficult task of producing a journal worthy of our Society. Finally, I would like to wish all our members a prosperous, productive and joyous 2019, and encourage you to send in your contributions for publication to Dave Edge at orachrysops@gmail.com. Our team of editors and reviewers are keen to help you share your work on Afrotropical Lepidoptera with the wider community of lepidopterists.

Yours sincerely
Mark Williams
lepidochrysops@gmail.com
31st December 2018

CHAIRMAN'S COMMENTS

Another year has flown by and LepSoc Africa have, once again, been very active. Some of our achievements and aspirations are outlined below:

One of the Society's largest undertakings in recent years was April's Lepidoptera Workshop in Madagascar. LepSoc Africa were involved in, or represented at, three previous Afrotropical Lepidoptera Workshops: Kenya in 1997, Ghana in 2011 and Uganda in 2014. The Madagascar Conference was the first one that we had organised and hosted ourselves and I'm pleased to say that it was a resounding success. Forty-five delegates (the maximum number that could be accommodated) attended the conference and these included approximately fifteen South African delegates, five Malagasy representatives with the remaining number coming primarily from Europe.

The Workshop included a week of talks and fieldwork within Ranomafana National Park, followed by an expedition to the central and southwest parts of the island. Generally, the butterflies were flying in good numbers (we had a few rainy days at Ranomafana - the presentations being adjusted accordingly!) and the responses that I've received have been overwhelmingly favourable. Our preliminary report is due in April: not all the taxonomic work will be complete by this stage, but I'm certain that the Workshop will result in several new species-descriptions and significantly increase our knowledge of Lepidoptera in Madagascar. In addition new friends and acquaintances have been made and a relationship between LepSoc Africa and our local research partners, the University of Antananarivo, has been established.

Further achievements for the Society this year included the completion of a Handbook (a reference manual for all aspects of LepSoc Africa business), a consolidated inventory of our book-stock, the implementation of an on-line shopping section to the website and several other improvements to our business management and corporate governance structures.

Plans for LepSoc Africa in 2019 include an application to SARS for Public Benefit Organisation (PBO) status (if successful we will subsequently be able to furnish donors with tax exemption certificates for donations) and a focus on further growth of the Society's membership.

On the projects side, SALCA and Karoo BioGaps are practically complete and LepSoc Africa received complimentary reviews for our work in both these undertakings. LepiMAP has had a near-record year and the Caterpillar Rearing Group continues to rewrite the book regarding life histories of many Lepidoptera families. The Butterfly Evolutionary Diversity (BED) project is committed to producing a report in April and is apparently on track to do this. The *Aloeides* Project - running in parallel with BED - has made solid progress and we hope to publish an initial paper after the completion of the 2019-2020 season. The *Kedestes* Project (co-funded by the Brenton Blue Trust and led by Louise Baldwin), is making solid progress in securing the future of the Barber's Cape Flats Ranger (*Kedestes barberae bunta*) and the False Bay Unique Ranger (*Kedestes lenis lenis*).

The structure and reporting of the COREL project is being looked at, with a view to making the system more inclusive and introducing Branch Chairman as regional provincial coordinators. Subsequent to SALCA, the number of Critically Endangered and Endangered butterflies has risen to 59.

Locally, the year started (at least for the Highveld branch of LSA), with the annual February braai at Hermann Staude's farm near Magaliesburg. In addition to this event, Hermann presented a series of bimonthly talks at Ruimsig Country Club, Roodepoort. Since LepSoc Africa Council decided to discontinue using the term "buttermoth" ("butterflies" apply to all families of Lepidoptera and have a really positive public image), Hermann has been introducing us all to the wonderful diversity of the Lepidoptera.

LepSoc Africa and its members have actively contributed to several public butterfly awareness initiatives, such as May's Yebo Gogga Exhibition at Wits University. Individuals who have contributed to public awareness and promotion of the Society in 2018 include Reinier Terblanche, Andre Coetzer, Jan Praet, Peter Webb, Hermann Staude, Andrew Morton, Steve Woodhall and Kevin Cockburn. Apologies to those of you who I may have forgotten!



Our annual Conference and AGM was held at Hermannsburg School, KwaZulu-Natal, in September. Kevin and Stella Cockburn arranged proceedings and we had a thoroughly enjoyable and thought-provoking symposium. There was some earnest discussion at the AGM regarding the future of the Society and a perceived shortage of new members and an impression that the average age of our membership is growing. Bennie Coetzer undertook to frame a marketing strategy and LSA Council is committed to thoroughly investigating new and sustainable growth initiatives this year.

The LepSoc Africa newsletter, African Butterfly News, reporting on newsworthy aspects of African Butterflies, continues to go from strength to strength. There is more than enough material to maintain a bimonthly newsletter, although unfortunately I still have to trawl Facebook for material and coerce members into submitting photos and news reports...

Sadly, during the course of 2018 we lost three outstanding lepidopterists and all-round good guys, Rob Dickinson, Dave McDermott and Cameron McMaster. Dave in particular had been a stalwart of the Society and was the Secretary of LepSoc Africa and the Highveld Butterfly Club for several years.

Climate change in Southern Africa is a reality and is seriously impacting on many butterfly populations. Several critically endangered species were either not recorded in 2018, or were seen in very small numbers. Examples include the Waterberg Copper (*Erikssonia edgei*) – only two specimens recorded in January – and the Brenton Blue (*Orachrysops niobe*) with a small emergence in November 2017, but no further records during this calendar year, following the climate-induced devastating fires in the Knysna area.

We have therefore introduced a butterfly monitoring system (Butterfly Index) to try and get a handle on long term trends regarding general butterfly numbers. Let's hope that we will look back at 2018 as an unusually tough year and that that 2019 will be considerably better!

Last, but certainly not least, *Metamorphosis* has had another stellar year in terms of quality and production: Mark Williams and Dave Edge (Editor and sub-Editor respectively, are to be congratulated on the completion of this year's journal, which is the largest, by volume, since it became an annual publication.

Jeremy Dobson
jchdobson@gmail.com
Chairman – LepSoc Africa
31st December 2018

HONORARY LIFE AND SPONSOR MEMBERS OF LEPSOC AFRICA

Below we list our honorary life members, who have been honoured by the Society for their outstanding contributions to the study and conservation of Lepidoptera.

HONORARY LIFE MEMBERS

Dr. Jonathan B. Ball
Dr. Bennie Coetzer
Stephen C. Collins
T. Colin E. Congdon
Dr. David A. Edge
Alan Heath

Graham A. Henning
Dr. Stephen G. Henning
Dr. Douglas Kroon
Clive Quickelberge
Hermann S. Staude
Prof. Emeritus Mark C. Williams

SPONSOR MEMBERS

The members below, apart from their significant contributions to the Society as individuals, have chosen to be Sponsor Members for 2018 and have through their generosity provided significant financial support, which is much appreciated by the Society. Any member of the Society can volunteer to become a sponsor member on an annual basis by making a contribution of R1 200 (Africa) or R 1 400 (International). Since the Society needs all the financial support it can get to provide services to members and to fund our projects more persons are encouraged to become Sponsor Members in the future.

Ian Bampton
Dr. Julian Bayliss
B. W. Breedlove
Kevin Cockburn
Dr. Jeffrey Crocombe
Alf Curle
Douglas Dare
Jeremy C. H. Dobson
Dr. Stewart Fisher
Owen Garvie
Stephen Georgiadis
Tim Gilbert
Dr. Richard Greene
Dr. Timm Karisch
Jeremy Kuhn

Dietmar Ley
Dr. Duncan MacFadyen
Dr. Dino Martins
Jan Praet
Ernest L. Pringle
Steve Reynolds
Hanna Roland
Wouter Schreuders
Harald Selb
Peter Sharland
Harald Sulak-Wildenauer
Reinier F. Terblanche
Peter Ward
Ian Waters
Christian Widmann

DONATIONS TO THE SOCIETY WILL ASSIST BUTTERFLY CONSERVATION

Donations to LepSoc Africa are needed more than ever, since we have now committed ourselves to several conservation programmes and projects:

COREL – Custodians of Rare and Endangered Lepidoptera
SALCA – South African Lepidoptera Conservation Assessment.
BioGaps – Biodiversity Gaps in the Karoo
BED – Butterfly Evolutionary Diversity project

These programmes are being funded through the Brenton Blue Trust (BBT), a registered Public Benefit Organisation, of which LepSoc Africa was a founder member. SARS has given permission for donations made through the BBT (website www.brentonbluetrust.co.za) for butterfly conservation to be eligible for issuing of section 18A tax certificates.

Donors are therefore encouraged to make their donations by accessing our website page www.lepsocafrika.org.za and clicking on the “donate” button, and making an electronic funds transfer to LepSoc Africa’s bank account, which is given below:

LepSoc Africa: Nedbank a/c no. 1905032617 Branch code: 190541

Brenton Blue Trust: Nedbank a/c no. 2089033681 Branch code: 108914

OBITUARY – DAVE McDERMOTT

13th March 1951 – 4th June 2018

Owen Garvie (with contributions from Phil McDermott, Dustin McDermott,
Andrew Mayer, Silvia Kirkman and Steve Woodhall)

10th September 2018



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OBITUARY – DAVE McDERMOTT

Many of you will be aware that Dave McDermott, Honorary Life Member of LepSoc Africa and former Council Member and Secretary, passed away recently. Dave was an enthusiastic participant of the SABCA project, both as provincial leader of the Mpumalanga Province, where he facilitated field survey data and as data contributor by allowing the Society to digitise and use distribution data from his private collection. Silvia Kirkman remembers him as always jolly and a pleasure to work with.



2005 SABCA Steering Committee- Dave McDermott - back row 3rd from left

Dave was born in Cape Town on 13 March 1951 and together with his older brother Phil and younger sister Margie grew up on a large two and half acre plot in Marlborough in Salisbury, Rhodesia. In 1958 Dave and Phil started collecting butterflies and this hobby became a lifelong passion for both of them. Phil recalls that a lot of people (including his two sons Matthew and Dustin) have wondered how he got the name of Dooze. This happened when he was about 16 and went on a date with one of the local girls. One of our neighbours was quizzing him the next day on how the date went, and declared that Dave had doozie and managed to have his way with her. The nickname stuck and he was known as Dooze ever since.

I first met Dave Mc Dermott at the annual LepSoc Africa Conference at Onderstepoort in September 1995 and he was immediately friendly and helpful to me and my wife Wendy. We soon realized that we had something in common as we had many fond memories of growing up in Rhodesia and collecting butterflies, way back in the 1960s. Having relocated from Kimberley back to Johannesburg in 2002, I visited Dave at his home in Northcliff and we became good friends. Over the past 12 years we have been on many butterfly collecting trips together.



Dave McDermott flanked by Owen Garvie on the left and his brother Phil on the right (Zimbabwe – April 2013)



Dave McDermott relaxing after a successful butterfly outing near Louis Trichardt

Dave was a professional journalist and met his wife Wendy in Umtali (now named Mutare) in the eastern highlands of Rhodesia (now named Zimbabwe), whilst he was working as a sports editor for the Umtali Post. He had a distinguished career and was highly respected amongst his colleagues for his integrity and accurate reporting. He worked on the Rhodesian Herald in Salisbury (now Harare), and also had a stint with a local newspaper in Perth, South Australia, before returning to work in Durban and Johannesburg. Dave had an active life outside of butterflies as shown by his memorial service at Old Parktonions Sports Club, where a very large turnout of many special friends and family came to celebrate the life and memory of Dave McD, Big Dave, McD, and The Dooza. A complementary eulogy was presented by Derek Watts (Carte Blanche journalist colleague and close friend of Dave).

Dave loved sport and he was a good rugby player at school, but unfortunately, as a result of a back injury, he needed surgery with plates and steel pins fitted into his spine/pelvis. This meant, at times, that he had difficulty sometimes overcoming obstacles, whilst out in the bush looking for butterflies, and I would have to help him occasionally before we continued our hiking.

Dave had a way with words second to none. When watching rugby together on TV and seeing someone make an error, he would remark “stupid boy”. He always supported his two sons in their sporting activities whilst at Parktown Boys High School – Matthew in his rugby and Dustin in his cricket. He had the most amazing way with words – able to sum up any situation or event with a quirky one liner. All of us are likely to recall one of Dave’s lines – “that’s as useless as tits on a bull”; “I suppose the fairies took my screwdriver Matt”; or lovingly referring to Wendy as the “Sergeant Major” when she stamped her authority on his fashion decisions.

Dave was a dedicated family man and did all he could for Wendy his wife and his two sons Matthew and Dustin. He also enjoyed the five dogs (Jack Russell’s and Maltese Poodles), which he referred to as “snivelers”. But his favourite pooch was “Bullie” a big rotund bulldog that was his close companion whilst he was running his business from home.

Dave was always “bok” – up for a butterfly trip, and would be ready on time – early in the morning and waiting at his entrance gate, nets, traps and a cool-bag full of food, snacks and cool-drinks, ready for the trip. We spent a lot of time in the field together. Our most successful and memorable trips were as follows:

Enseleni Forest, Levubu, & Mpaphuli near Thohoyandou – Limpopo.
Serenity Eco Reserve & Butterfly Farms, Malelane – Mpumalanga.
Port St Johns – Eastern Cape.
Honde Valley, Inyanga & Bvumba Mountains – NE Zimbabwe.
Rusitu and Haroni Forests, Chimanimani – SE Zimbabwe.

Dave was an astute observer often sitting quietly watching a bush or muddy patch on the road, while the rest of us were dashing here and there frantically chasing after butterflies. Dave would then stand and slowly move and with a quick swing of his net would bag the perfect specimen he was after.

Over many years of collecting Dave amassed a superb butterfly collection, each specimen accurately labelled and set at the base of the pin according to the British standard of pinned specimens. I do remember his joy and astonishment when he told me he had caught a male specimen of *Cigaritis brunnea* in late September 1999 in a forest clearing in the Chirinda Forest near the Swynnerton Memorial in SE Zimbabwe. He described this experience in an article entitled “Chirinda Forest and a tale of *Spindasis brunnea*” in *Metamorphosis*, Vol 11, No.2, June 2000. Surprisingly, in early October 2008, on a follow up trip with Dave, Phil and Jane McDermott to the Chirinda Forest, I was fortunate to net a female *C brunnea* at the same spot that Dave had caught his specimen- nine years earlier. I donated this specimen to Dave so he could have a matching pair of this rare butterfly.

The collection was recently purchased by Jeremy Dobson and all the specimens are currently being reset by Martin Lunderstedt at the standard half way mark up the pin!

Anyone who knew Dave couldn't forget his flawless use of unnecessarily large words to which most of us certainly did not know the meaning thereof. What a splendiferous specimen, he would claim as he examined his butterfly collection. His love of the natural world was infectious, able to name any bird, bug or beast he came across during our adventures in the outdoors. He travelled to every corner of Southern Africa in search of his beloved butterflies and his sons and many lepidopterists were privileged to have shared many of these experiences with him.

A more hospitable host and gentlemen you will never meet. He applied this logic to life – cherishing his friends, family, dogs and butterflies more than meaningless belongings. Even in the face of his illnesses, Dave was able to pass on wisdom – he would, without fail, until the very end, reassure his friends and family that he is doing OK and that life carries on. Never moaning, never showing fear. Dustin recalls that he always made time to give his granddaughters a hug, reading them a story or showing them the birds in the garden. He told his family that they shouldn't fear death, but rather fear a life not lived. His motto was “don't wait for things to get better, life will always be complicated. Learn to be happy right now otherwise you'll run out of time”.



Dave was well known for his cooked breakfasts which were a great joy to all after the party the night before

Dave was brave throughout his battle with cancer and dementia and never complained, but instead, was always grateful to the nurses and the caring support he received at hospital and particularly at home from Shelia, his home carer.

Andrew Mayer records that Dave was a gentleman – one of the really good guys. Although the sadness of his passing on 4th June 2018 will ease with time, the joy and memory of knowing him will last forever. We who were honoured to have known David will remember him as a kind, eloquent, loving family man who appreciated the exquisite beauty of a butterfly's wings.

Go well David and rest in peace

Owen Garvie

TRIBUTES TO DAVE FROM COLLEAGUES AND FRIENDS**Hermann Staude**

Dave was one of those incredibly hospitable charismatic people, whom I will miss very much. For many years we exploited his hospitality by having our LepSoc Africa council meetings at his place. Meeting there was one of the highlights of my tenure as LepSoc president. The moment you arrived, Dave was there to greet you and make sure you parked in a safe place and this hospitality continued all evening with a well organised venue, plenty of drinks and snacks, and above all being treated by Dave's pleasant demeanour. I think in his unobtrusive way he provided coherence to those many council meetings, for which LepSoc should be forever grateful to him.

Bennie & Andre Coetzer

André and I have also had the privilege of spending time (too little) with Dave. From the first time we met him on the Fairland koppie in Johannesburg, through a number of trips to notorious places like Mphaphuli Cycad Reserve in Venda, Lesotho, Lynnwood, Ndumo, to mention only a few. He gladly shared any information he could, including his contacts with Mondi so that we could use their facilities to explore many forests and hillsides in the Eastern Cape.

Dave was ever the gentlemen, well spoken but always with some humour. I even had the privilege of Dave assisting our company with marketing documents and published articles – his polished English made my poor English shine in ways I would never have been able to!

We were very saddened by his passing but will always remember him, especially during our butterfly evenings.

Dave Edge

The closest contacts I had with Dave were during many council meetings, some of which were held at his house. His contributions to council deliberations were always constructive and he gilded his comments with humour and practical insight. He and Wendy often accommodated me during those visits to Jo'burg and they were gracious and helpful hosts.

During my time as Metamorphosis Editor I became aware of the excellent articles Dave had written and also learnt of his many collecting exploits through the pen of writers such as Steve Woodhall. But perhaps his greatest gift to lepidopterology was to introduce us all to the joys of Allesveloren Fine Old Vintage Port!

OBITUARY – CAMERON McMASTER

25th January 1937 – 25th November 2018



S Linley

Cameron in his element (19 July 2015)

DOI: <https://dx.doi.org/10.4314/met.v29i2.11>

OBITUARY – CAMERON McMASTER

Many of you will be aware that Cameron McMaster, longtime member of LepSoc Africa and butterfly enthusiast, passed away on November 25th at Hermanus.

His early life and education

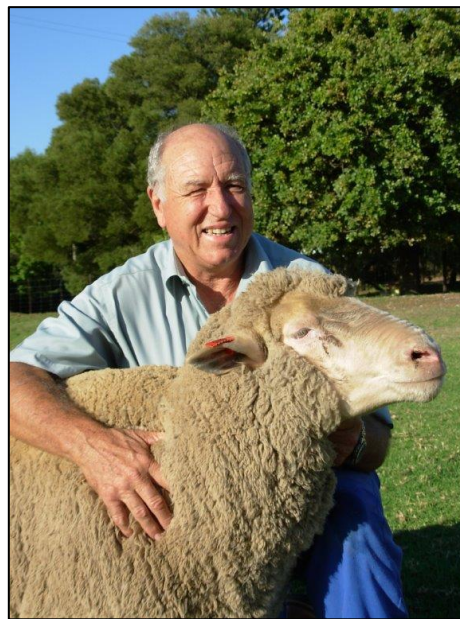
James Cameron McMaster was born in on 25 January 1937 at Gladstone farm near Thaba’Nchu in the Orange Free State where both sets of grandparents had farms. When these farms were expropriated in 1938, his family moved to the Eastern Cape where his grandfather bought the farm Middeldrift in the Cathcart district of the Eastern Cape. This is where he grew up and developed his interest in sheep and flora – he had a lifelong passion for plants, inspired by his grandmother who used to take him for walks through the veld and help him record what he saw. He was the eldest of four children, with two brothers – David and Nigel and his sister Marion. He attended junior school in Cathcart and then went to Queens College, Queenstown where he matriculated as a dux student in 1954. After school he spent a year working on the farm with his father, and then he went to the Cedara Agricultural College in Pietermaritzburg where he obtained an Agricultural Diploma, again as a dux student (1956). He then completed a concentrated three-month Sheep and Wool Post Graduate Diploma at the Grootfontein College of Agriculture in Middelburg (1957). Studying by correspondence, he also gained the Intermediate Secretarial and Business Diploma.

His professional career and development of the Dohne Merino

He joined the Farmers’ Co-operative Union (FCU – a leading wool broker) in 1957 as a junior wool seller. He gained valuable experience in the handling and valuing of wool, until he was transferred to the field staff of FCU where he worked as a Sheep and Wool Officer, initially at Hopefield in the Western Cape and from 1961 onwards at Stutterheim in the Eastern Cape where he also served as Secretary of the local Farmers’ Association for 12 years.

In 1970 he was invited to manage the newly formed Dohne Merino Breed Society, and held the post of Breed Director until 2000. He redefined the role of a Breed Society as taking responsibility for the development and supply of breeding material that would enhance the efficiency of breeding stock in a commercial environment and increase the profitability of commercial flocks. Objective measurements were defined to guide selection of breeding stock and numerous innovative breeding systems were introduced to take the development of the Dohne to a level where it is now acknowledged as a benchmark for dual-purpose Merinos. Under his supervision and guidance the Dohne Merino Breed progressed from a minor new breed in 1970 when the membership stood at 30 members with a total of 2000 registered ewes, to the fastest growing sheep breed in the world today with stud flocks and societies mushrooming in numerous countries such as Australia, New Zealand, Chile, Uruguay, Argentina, Falkland Islands with the prospect of further expansion to countries such as the USA, some Central Asian countries and China.

Thereafter he developed a private sheep and wool consultancy, established an Indigenous Bulb Nursery and carried out a Botanical Survey of the wild flowers of the Amatola Mountains for the South African Forest Company (SAFCOL). In his capacity as a private sheep and wool consultant he continued to work part time for the South African Dohne Merino Breed Society, and was consultant and advisor to numerous Dohne Stud Breeders. He was commissioned by the Australian Dohne Breeders’ Association from 2002–2007 to conduct annual workshops and training courses for the many new Dohne Stud Breeders in Australia. He also consulted for the Dohne Breeders Association in South America. He participated in numerous International Sheep Conferences, including the World Merino Conferences of 1990, 1994, 2006 and 2014, and received many awards for his work (Appendices 4 & 5). He also published two books about sheep – “Sheep in my Blood” and “The Birth of a Breed” (see Appendix 1).



R McMaster

Cameron with a Dohne Merino (April 2006)

His family life and outside interests

His first wife was Marlene, and they had four children - James, Graeme, Stephen and Susan. During Cameron's 40 years in Stutterheim he was also involved in many other community activities. He was a member of the local School Committee for 12 years and an active participant in the Dramatic Society. Cameron was a keen yachtsman and trout fisherman and was one of the founding members of the Stutterheim Angling and Yacht Club at Gubu Dam in Stutterheim, of which he later became chairman and then honorary life member. He started off sailing a Tempest, but soon changed to sailing a Fireball called Conway. He and his family would spend every Sunday sailing on the dam or attending regattas in the local area. He bought his children a Dabchick which his son Stephen sailed. He taught his sons to fly fish and was also an active member of the Angling section of the club.

Study of butterflies

Cameron started collecting butterflies in the mid-1960s and like everything he did he pursued it with great enthusiasm. It was a sad day for him when he sold his collection to fund a sheep trip to Australia and New Zealand. His daughter Susan recalls that as children, they loved to go with him to the forests where he would hunt for butterflies or hang his trap nets baited with over-ripe bananas. They watched him mount his butterflies, meticulously label them and place them in neat rows in his butterfly cabinets. When driving he would come to a screeching halt along the roadside to chase after a butterfly he spotted, sometimes tripping and falling because his eyes were firmly fixed on his quarry! He also entertained them with the stories of his collecting adventures with friends like Clive Quickelberge (see below).

Two butterflies were named in his honour: *Aloeides macmasteri* (Tite and Dickson) – in recognition of assistance rendered in developing a knowledge of this genus, and *Trimenia macmasteri* (Dickson), another species discovered by him. He also discovered a third species, *Thestor compassbergae* (Quickelberge & McMaster) for which he became co-author.

His love of flowers and conservation of flora and fauna

During his many contacts with farmers he pointed out their responsibility as custodians of our natural heritage and showed them the plants that grow on their farms. Where ever rare and endangered species were found the owners of the land were urged to take steps to preserve these. For example, the Waainek Wild Flower Reserve near Somerset East was established and fenced off by Philip Erasmus on the Bosberg mountains to preserve the endemics – *Kniphofia acraea* and *Haemanthus carneus*. Whilst surveying the flora of the Amatola mountains in 2000–2003 he drew up a conservation and management plan for the mountain grasslands of this region, stressing their value as a water resource for the communities living below. In the Amatola forests he was responsible for organising the annual endangered Cape Parrot census. In the Overberg three significant remnants of fairly pristine, species-rich, Renosterveld, parts of the Napier commonage were conserved through negotiations with the Municipality, and funding was raised from plant lovers both locally and overseas for the necessary fencing and sign boards.

As a very active member of the Western Cape branch of CREW (Custodians of Rare and Endangered Wild Flowers), a project of the South African National Biodiversity Institute, he was instrumental in establishing a CREW branch at Hogsback in the Eastern Cape. He regularly contributed articles of botanical and conservation interest to *Veld and Flora*, the official organ of the Botanical Society of SA, and to several international publications such as *Herbertia*, the official organ of the International Bulb Society, and the *Bulletin of the Alpine Garden Society* in



R Jones

Trimenia macmasteri Matjiesvlei (Oct 2010)



J C McMaster

Haemanthus carneus, Waainek Wildflower Reserve (February 2012)



J C McMaster

Napier Renosterveld Reserve with Rhoda and her grandsons (2016)

the UK (see Appendix 1). In 2007 and 2008 he published a series of 70 articles in "Farmers Weekly" on the subject of Wild Flower Conservation for farmers.

He was an avid photographer and assembled a comprehensive collection of high-quality digital images of wild flowers of the Eastern Cape and the Overberg, available as CDs entitled "Wild Bulbs of the Eastern Cape" and "Wild Flowers of the Amatola mountains". A commentator said of the latter "Cameron McMaster is one of South Africa's most noted naturalists, whose enthusiasm and love of the plants and the surrounding environment resounds through this disk". Furthermore, through his intensive field work in the Eastern Cape and latterly in the Western Cape he contributed significantly to the extension of ranges of numerous species and a knowledge of their conservation status.

The Croft/ African Bulbs

After his first marriage ended, Cameron went to live on a small holding near Stutterheim which he called The Croft and he renovated an old German settler cottage on the property. He also built two beautiful thatched self-catering cottages which he rented out to tourists. In 1996 Cameron and Rhoda were married, and they lived at The Croft for over seven years. It had been Rhoda's hobby to grow indigenous bulbs, and it wasn't long before Cameron had all the infrastructure in place at The Croft to continue growing bulbs there, and their passion for plants dovetailed perfectly, so much so that they started a mail-order business called The Croft Nursery (Later African Bulbs), selling seeds and bulbs. In 2003 they moved to Napier in the Western Cape (closer to Rhoda's children in Cape Town). The nursery was re-established there and the mailing list continued to grow to include overseas bulb enthusiasts, especially from Europe and the USA. To enable these overseas customers to experience the plants in the wild, Cameron organised with Rhoda's assistance biannual two-week botanical tours to the Eastern Cape, with accommodation and meals often on farms, much to the delight of the tourists and the farmers! After moving to the Western Cape, annual tours were arranged to see the spring flowers in Namaqualand and along the West Coast. The last tour was in 2017, just after his eightieth birthday!

TRIBUTES

Cameron the father – eulogy by his daughter Susan read at his memorial service in Napier

Where to begin? There is just so much to say about my remarkable, talented, wonderful father. He lived such a full life. Whenever anyone asked me who my hero was, I would always say without a shadow of a doubt... my dad! A hero is someone you look up to, who inspires you... and my dad had all those qualities "in spades".

He was a bundle of energy, always on the go. We always said he did not know how to relax. No wonder he accomplished so many things in his life! Some examples of these are:

- As a dedicated and extremely committed and competent manager of the Dohne Merino Breed Society, he was the driving force in building it up from its infancy to the international concern it is today, with Dohne breeders in SA, Australia and South America.



S Linley

Cameron photographing a flower (2016)



J C McMaster

The Croft, Stutterheim (1996)



J C McMaster

Rediscovered – *Lachenalia sargeantii*, Napier (22 Oct 2006) after missing for 70 years!



J C McMaster

Cameron on tour – Naude's Nek (Nov 2012)

- He was a prolific writer and author, publishing countless articles for journals and magazines. He was always proud of the Dohne journals he compiled each year, as well as the beautifully written and laid out articles on flora published in the Farmer's Weekly, to name but two examples. He was the author of two books, *Sheep in My Blood*, and *Birth of a Breed*, as well as a booklet called *God Would Not Let Me Go*, given to family and friends.
- As an accomplished photographer his exquisite pictures of flowers have been used in many books and other publications. A lasting image of my dad is of him lying prone on the ground, in a contorted position, trying to get the best angle for a shot of a flower so small that most people would not even notice it, but beautiful to him.
- As nature lover he had vast knowledge, and could spout forth the scientific names of countless plants. I am so proud that he discovered new species of butterflies and plants that were named after him – *Ceropegia macmasteri*, *Cyrtanthus macmasteri* and *Nerine macmasteri*, to name but a few (see Appendices 2 & 3).
- His lifelong interest in and love of plants culminated in the establishment, together with Rhoda, of a successful bulb and seed nursery. As sought-after botanical tour guide, he guided many international visitors on tours into off-the-beaten-path areas to showcase South African flora.
- He was a fine public speaker impressing audiences at world sheep conferences and botanical societies on various continents. I was privileged to listen to a few of his botanical talks in Canada and America, and was proud to witness the admiration of his audiences. Each time I heard him speak, I was in awe of the depth and breadth of his knowledge.
- Dad was also an avid conserver and custodian of plants, animals and the natural veld. Whenever we were out walking he would be pulling out or chopping down aliens like pine trees in the fynbos. Stuart and Richard eagerly joined in to help their grandpa, and I have lovely photos of them straining to uproot tenacious saplings.

Through all of these pursuits which I have mentioned, Dad has left a lasting legacy. His name will live on in books, journals, articles and names of species. He certainly made his mark on and contributed enormously to society. Of course, through his work and activities, Dad made many friends and acquaintances across South Africa and the world, and touched the lives of many people. It has been heartwarming to read the kind words of sympathy and praise of Dad that have kept coming from many corners of the globe since his passing. A number of people have called him a legend. In fact, Gordie McMaster, an Australian sheep man whom Dad called his namesake, recently published a book called "Legends", and Dad is featured as one of them. I fully



Cameron's 70th birthday celebration at Middeldrift (January 2007)



The McMaster "clan" (2009). Back row L to R: Andrew Linley, Cameron McMaster, Steve Thompson, James McMaster. Middle row L to R: Melanie Thompson, Rhoda McMaster, Rina McMaster, Graeme McMaster, Richard Linley. Front row L to R: Damon Thompson with Tavish McMaster on lap, Susan Linley, David McMaster, Stuart Linley, Sara McMaster, Caron McMaster.



A Linley Stuart (grandson), Susan (daughter), Cameron, and Richard (grandson) (July 2017)

agree with these people. Dad truly was and is a legend, and just as legends are passed down from generation to generation, so will Dad's amazing legacy live on and always be remembered.

Those are the public memories that many people have, but it is the personal, private memories of my father that are even more special to me. You would think that someone who was so busy doing so many things would not have time to spare for anything else. But nothing could be further from the truth. Dad was an ever-present, hands-on father in our lives. He always had time for us.

Dad was the one who read to us and instilled in me a love of reading. He read poems from "A Child's Garden of Verses" and brought alive the stories of Christopher Robin, Pooh and Piglet, Ratty and Mole in the "The Wind in the Willows", Mowgli in "The Jungle Book", and Jock in "Dog of the Bookshelf" as we called it. I loved reciting the poem, "The Highwayman", together with him. We spent many hours listening to him reading while we were coaxed into combing his hair as compensation. Later, when I was a bit older, after I had visited the library, I would race home to show my dad my book choices. I am so happy that I had the opportunity to read to Dad in return when I came out to visit in July/August. Things came around full circle.

Dad had a beautiful singing voice. I loved how he harmonised while singing hymns in church. I also think fondly of the family sing-songs around the piano with Mom playing jazz numbers. Long car trips were made enjoyable by singing choruses together like "Everybody Ought to Know" and "I am H-A-P-P-Y". Dad also was a talented carpenter and made me beautiful white wooden cots for my dolls, while Mom sewed the bedding and dolls' clothes. He also helped my brothers make go-carts which they raced down the steep road beside our house.

Dad was a gardener and landscaper par excellence! We watched him ploughing the ground with a tractor and laying huge rocks to make beautiful rockeries, creating a stunning garden at our home in Cycad Avenue in Stutterheim. Walking around gardens and learning the names of plants will remain some of my favourite memories. We have walked in many gardens over the years, our own growing up, my garden in Canada, those of plant acquaintances in Canada and the States, and many botanical gardens. The last time was last year when we visited the Royal Botanical Gardens near Toronto. Walking in gardens is not the same without Dad who made it so much more meaningful.

Another opportunity to enjoy Dad's company was when we went sailing and fishing at Gubu Dam near Stutterheim. Dad was a founding member of the Stutterheim Angling and Yacht Club and was later given honorary life membership. (My brothers are still members of the angling club and go fishing at Gubu Dam whenever they visit Stutterheim.) I spent every Sunday at Gubu Dam for quite a few years sailing with Dad or helping on the bridge during weekly races or at regattas held at our club. I was not Dad's regular crew, my brother James was, after Dad's first sailing partner, Terry Hepworth, left town. However, I did sail with Dad often, enjoying the thrill of hanging out on the trapeze and planing across the water when the wind was up. Dad started off sailing a tempo and then bought a fireball called Conway. He also bought a dabchick which my brothers, especially Stephen, sailed. We attended many regattas in the vicinity and further afield like Sedgfield which was fun.

Dad was a keen fisherman and taught all my brothers to flyfish for trout, as well as to fish off the rocks at the sea. Those are just some memories, but there are many more including many, many family holidays by the seaside when we were younger, and especially accompanying my Dad on visits to farms where he classed sheep and attended sales. I loved going to ram sales with Dad.

I shall always be grateful that Dad corresponded with and visited us so regularly, even though we live so far away. He always made a point of keeping connected with our boys, Stuart and Richard, by sending them photos and news of various happenings on The Croft, and so fostering a long-distance relationship with his grandsons over the miles. He made sure they knew about the calf falling in the hole of an antbear or the lambs being born. He made trips alone or with Rhoda to England and Canada, and some of the excursions we enjoyed were camping trips to Algonquin and Pinery Provincial Parks where we walked, birdwatched and canoed. Dad also enjoyed our visits to the Stratford Festival to see musicals that he loved so much like Oklahoma and HMS Pinafore. In fact, the last musical we saw was "Me and My Girl" at the Shaw Festival in Niagara-on-the-Lake last year.

But the trips that are the most special to me are the road trips Dad and I did along together to Ottawa, Boston and Cape Cod, New York City and upstate New York, and Acadia National Park in Maine. It was just Dad and me, spending time together, chatting and enjoying each other's company. I shall forever cherish those times.

Susan Linley

Cameron the grandfather – tributes from his grandsons

Richard Linley

Growing up in Canada, I did not get to see my grandfather as often as many grandchildren do. However, I was still able to spend a considerable amount of time with him, for which I will always be very grateful. Whether it was visiting him on The Croft as a young child, where some of my favourite memories of my youth are held, or one of the many trips he would take to visit us in Canada, I was always thankful that Grandpa would take the time from his busy life to see us.

One of my fondest memories of Grandpa is a school project I did with him in Grade 5. The assignment was to catch and report on various insects that lived near my home. I knew nothing of how to catch insects, but luckily my grandfather was an avid collector of butterflies and he was eager to help me with my project. It was wonderful to spend the following week going on hikes with him catching insects and seeing one of his passions in action.

He was undoubtedly a man of many passions, be it developing the incredible Dohne Merino breed, catching butterflies, growing his nursery and discovering new plants, or taking a great number of people on nature hikes. I was grateful to be able to spend a week with all of his children, and their children at Coffee Bay in 2016. Cameron was definitely proud to see how happy, successful and varied our paths were and he took pride in knowing he had raised his family well.

My grandfather was a great man, an excellent role model and has left an incredible legacy behind for his family to appreciate. May he rest in peace.

Stuart Linley

As we get older we are able to better understand the people we grew up knowing. Despite the large distances separating us, I have had the good fortune of being raised by parents with the commitment to ensure I was able to have a relationship with my grandfather.

Cameron has been many things to me growing up. When I was young, I understood him as grandpa: the farmer, the cottage builder, and the fisherman. My early relationship with him was intrinsically tied to The Croft, a farm in Stutterheim which was, to the extent of my knowledge, the heart of the McMaster family. At The Croft, Cameron always took time to show me a little bit of his world – mielie-meal for breakfast, butterfly and stamp collections, silkie chickens, rides on the four-wheeler, and feeding the sheep (sometimes participating in their meal as we were encouraged to taste the sheep feed). We most often visited around Christmas time, meaning we were there in the height of summer, with lush vegetation and full dams, perfect for fishing. Christmas mornings were often spent in the guest cottages which Cameron built, where my brother and I would wake up on beds in a snug loft with the thatched roof directly over our heads. The experience was rustic and vivid with so much to see, do, and learn, and everything about that place wasn't just built by Cameron, but was a part of Cameron.

As I aged, so did my perspective of Cameron as a person. His identity expanded so I knew him as an entrepreneur, a bird watcher, a nature guide, and a scientist. Long drives in the back of the bakkie cushioned with mattresses and blankets so we could get to an out-of-the-way landscape with exotic cycads, or nearby walks in the fynbos near Napier to point out unique flowers; the location didn't seem to matter because Cameron's encyclopaedic knowledge of flora could always be relied upon to teach us something new. I was always enormously impressed by Cameron's scientific contributions as the discoverer of several species of flowers and butterflies. It had always seemed to me that every animal and plant on the planet had been scrupulously catalogued many hundreds of years ago by stuffy old men with a decided penchant for Latin. The idea that someone I knew was able to actively venture out in search of new species, and receive credit in the form of a Linnean binomial classification (*Trimenia macmasteri*) was a challenge to my perception of scientists and made the pursuit of knowledge seem a lot closer to home. You can find his acknowledgement for this accomplishment in a 1968 article by Dickson, published in the *Entomologist's Record and Journal of Variation*, where he is credited with procuring the holotypes and paratypes of the species.

Everything Cameron did was done completely and passionately, and the fine results of his hard work are readily apparent everywhere he laid his hand. From the significant contributions he made in the development and global adoption of the Dohne Merino sheep breed to his fastidious construction of The Croft cottages and loving education of his children and grandchildren, he never settled for a half measure. In more recent years he has taken on more identities as the owner and operator of a successful bulb nursery, a family historian, and an evangelist. This last identity is one that I think of every year around this time when I sing Handel's Messiah with my local choir – "All we like sheep have gone astray" – the parallels of my grandfather the sheep man carefully tending to his flock and caring for his family's spirituality are hard to miss. As an historian, Cameron has meticulously collected

photographs, journals, and articles relating to the McMaster family's history in the Eastern Cape, providing a connection to the past for us and future generations.

He was deeply connected with life in and the life of South Africa with great effort in caring for his animals, fascination with wild flora and fauna, and a strong connection with his family. My understanding of him as a man has grown and become more nuanced with age, and I am thankful to my parents for ensuring that I was able to have a relationship with him over great distances. The natural beauty of South Africa will always come with strong memories of my grandfather, and I know that some day I will return, see, and remember more strongly. Now Cameron takes his place alongside our ancestors as a person who helped shape part of human industry and natural understanding. I will always feel his connection to life, nature, and human progress, and do my best to honour his memory in my actions and words.

Cameron the sheep breeder by David Kain, President of the Australian Dohne Breeders Association (2010)

I have read "Sheep In My Blood", several times and found it enthralling reading. A must read for all Dohne breeders. Cameron McMaster's efforts throughout his life towards the development of the Dohne Breed and an animal that will survive even the harshest of times has greatly influenced the lives and indeed fortunes of many thousands of farmers around the world. Cameron McMaster is not an ordinary man, his strength, his courage and the absolute conviction of his beliefs stands him apart from his peers.

What would have started for him as a young man, a lonely voice in an industry bound up by tradition and secrecy, has finished with the sheep industry around the world advocating his many beliefs. Cameron has concluded his working life as a renowned speaker of great repute, passion and knowledge. Amongst all this, he has retained his sense of humour, his humility and most importantly his ability to advise and counsel even the smallest of breeders.

Cameron has been at the forefront of the development and growth of the Australian Dohne Industry. He has spent many months conducting workshops, attending Field Days and Sales right across Australia. His efforts in promoting the breed are qualified by the Dohne's standing in Australia now. It is fact that we would not be where we are now, if not for his efforts. It would be remiss of me not to mention his lovely wife Rhoda, who has made their home welcome to the many visitors over the years from all over the world. I have no doubt that her support and understanding has helped Cameron achieve his many goals in life. On behalf of all Dohne breeders here in Australia.

Cameron McMaster "WE SALUTE YOU" and wish you all the best now and in the future.

I will conclude by saying on a personal level, that without his guidance, enthusiasm, support and knowledge that he has freely imparted over the years, I would not be farming today. His sheep (the Dohne) have kept me on the land. Cameron I very much look forward to your next book.

Clive Quickelberge

During the mid-sixties the McMasters moved into a house in Stutterheim adjacent to ours, and being married to a cousin of mine we began socialising. Cameron took an immediate interest in my butterfly activities, and in fact the bug bit him so severely that in next to no time he was egging me on to get into the field.

If you get the impression that Cameron was a hyperactive sort of guy you would be spot on. His code word was "RIGHT!" and whenever things wound down, he rallying cry of RIGHT would spur us onto another tact with added zest. Arriving at a suitable spot to pitch out tent Cameron was hardly out of the car when his first words were "*RIGHT now we will pitch the tent*". As the last peg was hammered home, at once the "*Right now we will make supper*" followed and then.... and then. On this particular occasion, we were at the foot of the Cockscomb mountain on the rain-shadow side, not all that far from Uitenhage. The next day Cameron was like a race horse out of the stocks and we were scaling the heights of this interesting mountain range during a blistering hot day.

Two thirds of the way up we became very dehydrated, foolishly we never carried water, and the sight of a small rock pool drew us at once. Taking turns to drink I had almost drained the pool completely when my eyes focused on the bottom of the pool. Some rock dassie had found the pool first and decided to deposit their faeces into the pool in the form of pellets. To this day I doubt very much that we would have been put off drinking the water had we noticed their presence beforehand. Thirst is a strong basic instinct..... This is just one example of the experiences Cameron and I enjoyed together. His time scale didn't bother me at all, it was good for me as I tended to be far more leisurely.

Trips to the Compassberg mountains near Middleburg were undertaken to get sufficient material to describe the new *Thestor*, named after the mountain. We combed the Amotola mountains near Stutterheim on innumerable occasions; also trips to Mbulu, Transkei for *Chrysoritis lyncurium*. What a gem this little copper is!

These were only some of the highlights of our association together and I feel bereft by his passing.

Dave Edge

I first met Cameron in November 1991. We drove down from Johannesburg to Stutterheim and parked our caravan at Cameron's farm "The Croft" near Stutterheim. We were immediately impressed by his friendly disposition, hospitality and capabilities – and my was he a hive of energy! The next day he took us in his bakkie up Mount Kubusie via his friend Aubrey Cottrell's farm Ailsa north of the Amatolas. On the top he showed us *Chrysoritis penningtoni*, *Chrysoritis turneri amatola* and *Aloeides quickelbergei* – our first taste of Eastern Cape butterflies.

After a few rainy days (not uncommon in Stutterheim) Cameron gave us directions to his locality Vlekpoort near Hofmeyr where he had found *Trimenia macmasteri* and *Aloeides macmasteri*. We were unable to find these butterflies but the locality was very promising, with *Stygionympha robertsoni*, *Aloeides damarensis*, *Stugeta bowkeri bowkeri*, *Argyraspodes argyraspis* and *Aloeides pierus*. The next day we visited another two of Cameron's localities – Eastpoort near Cookhouse and Witmos on the Fish river. The former was the type locality for *Trimenia macmasteri* and the latter a locality for *Chrysoritis beulah* and *Crudaria capensis*. Cameron then gave us directions to get to Evellyn Valley and Isidenge Peak. At the former place we found *Papilio euphranor* and at the latter were unsuccessful in a search for *Chrysoritis braueri*, another Eastern Cape endemic.

On another day Cameron and his son Graeme took us up Dohne peak, accessible not far from The Croft. Butterflies found up here were *Serradinga bowkeri clarki*, *Chrysoritis turneri amatola* and *Aloeides quickelbergei*. The next day, following directions from Cameron, we went to the Compassberg and were able to find *Thestor compassbergae*, another of Cameron's discoveries. In January 1992, following Cameron's directions we climbed Gaika's Kop and found *Harpodyreus isomo*, *Lycaena clarki*, *Serradinga bowkeri clarki* and *Pseudonympha gaika*. The day after we went with Cameron to Mbulu in the Transkei, where we found *Iolaus silas silas*, *Stugeta bowkeri bowkeri* and *Chrysoritis lyncurium* (a rarity) near Xolobe store. In October 1992, we followed Cameron's directions to the Buffalo Pass, East London, where we searched for and found *Aloeides caffrariae*, *Durbania amakosa amakosa* and *Kedestes mohozutsa*.

When one went out in the field with Cameron he could cover a lot of ground very quickly, and would locate the sought-after butterflies (if they were there) and show them to you. When he wasn't with us his directions were very accurate, and one could find the exact place he was describing with relative ease. What a pleasure compared to directions we sometimes got from others which were rather vague!

Even though he'd only just met us, he invited us into his farmhouse in the evening and we would eat together – often with him displaying his skills as the cook (with vegetables and herbs from his garden). We had another common link later when we met his cousin Judy Dyson in Plettenberg Bay, and sometimes we would take her with us to Stutterheim, where we all had a grand time.

When Cameron and Rhoda moved to Napier we would visit them as regularly as possible when we were in the area (at least once a year to run the "Foot of Africa marathon"). Although Cameron had pretty much given up pursuing butterflies by then to follow his passion for plants, our shared enthusiasm for nature always gave us plenty to talk about, and his bulb nursery was a wonderland. Out in the field he would show us some of the rarer plants, and this increased my own appreciation and knowledge – he was such a good teacher and fund of knowledge. By the mid-1990s when I was involved with my research into the Brenton Blue and he helped me to identify plants at the reserve. His incredible library of plant books was also a valuable resource for a plant novice such as I was.

He was always very modest about his accomplishments. It is only now, when I have the honour of coordinating this obituary, that I am gaining full appreciation of what an amazing person he was, and the breadth of his achievements. We will miss him sorely and always hold very special memories of him, not only from when he was at his full powers as a naturalist, dashing up and down mountains, but also in later life how he always had time for everyone, expert or novice. His love for butterflies never faded, and right up to the end he would send me pictures and new records of butterflies from all over the Western and Eastern Cape.

Rest in well-deserved peace, Cameron.

APPENDIX 1

Scientific and other publications

- Dickson, C.G.C. & McMaster, J.C. (1967). Some observations on *Poecilmitis turneri* Riley (Lepidoptera: Lycaenidae), with a description of a new race. *The Entomologist's Record* **79**: 209–211. 1 pl.
- Quickelberge, C.D. & McMaster, J.C. (1970). A new species of *Thestor* Hübner (Lepidoptera: Lycaenidae) from the Eastern Cape Province, South Africa. *The Entomologist's Record* **82**: 319–323. 1 pl.
- McMaster, J.C. & McMaster, R. (1999). Mountain of Healers. *Plantlife* **21**: 16–18.
- McMaster, J.C. (2000). *Amaryllidaceae* of the Eastern Cape Province. *Herbertia* **55**: 97–106.
- McMaster, J.C. (2004). *Cyrtanthus macmasteri*. *Veld & Flora* **90**: 20–23.
- McMaster, J.C. & McMaster, R. (2004). *Nerine huttoniae* up the creek? *Veld & Flora* **90**: 71.
- Dold, A.P. & McMaster, J.C. (2004). *Nerine gibsonii*. *Veld & Flora* **90**: 102–105.
- McMaster, J.C. (2004). An assortment of *Haemanthus*. *Veld & Flora* **90**: 108–110.
- McMaster, J.C. (2005). *Gladiolus pubigerus*. *Veld & Flora* **91**: 38–39
- Duncan, G.D., McMaster, J.C. & McMaster, R. (2005). Out of the ashes. *Veld & Flora* **91**: 66–69
- McMaster, J.C. (2005). Conserving the mountain grasslands of the Amatolas. *Veld & Flora* **91**: 131–133.
- McMaster, J.C. (2006). *Ceropegia macmasteri*. *Veld & Flora* **92**: 158–159.
- McMaster, J.C. & Dold, A.P. (2006). A newly described species, *Ceropegia macmasteri*, from Eastern Cape, South Africa. *Aloe* **43**(2&3): 59–60.
- McMaster, J.C. (2006). Bulbs of the Eastern Cape. *The Alpine Gardener* **74**: 330–346.
- McMaster, R. & McMaster, J.C. (2006). *Lachenalia sergeantii* revisited. *Veld & Flora* **92**: 15.
- McMaster, J.C. (2007). *Crinum campanulatum*. *Herbertia* **61**: 92–94.
- McMaster, J.C. (2007). A very grand flower. *Veld & Flora* **93**: 29–31
- McMaster, J.C. (2007). *Disa lugens*: Eastern Cape orchid. *Veld & Flora* **93**: 147–149.
- McMaster, J.C. & McMaster, R. (2009). The Napier Renosterveld Project. *Veld & Flora* **95**: 11.
- McMaster, J.C. (2010). A rare Amatola milkweed: CREW. *Veld & Flora* **96**: 65.
- McMaster, J.C. (2010). *Sheep in my blood – an account of my career as a sheepman*. Bev Storch. 129 pp.
- McMaster, J.C. (2011). The genus *Haemanthus* L. (*Amaryllidaceae*) - a personal account of my relationship with these fascinating plants. *Herbertia* **65**: 234–253.
- McMaster, J.C. (2011) Book review: Field Guide to the Flora of Grootbos Nature Reserve and the Walker Bay region, Sean Privett. *Veld & Flora* **97**: 142.
- McMaster, J.C. (2013) Road to recovery: BotSoc partnerships and projects. *Veld & Flora* **99**: 131.
- McMaster, R. & McMaster, J.C. (2013). Book Review: The Genus *Lachenalia*. *Herbertia* **66**: 360–367.
- McMaster, J.C. (2015). *Birth of a Breed: The Dohne Merino Story*. 337 pp.

A weekly series on veld flowers for *FARMERS WEEKLY*, from 14 September 2007 to 13 February 2009, to help farmers with identification and conservation. About 70 articles.

For over four decades he wrote regular articles in *FARMERS WEEKLY* and *LANDBOU WEEKBLAD* about sheep and the benefits of farming with the Dohne Merino. Far too many to even start trying to list them. Possibly over 200 articles. And finally, he published the *DOHNE MERINO JOURNAL* for almost 30 years, writing articles for every edition.

APPENDIX 2

Butterflies named after Cameron, or which he played a role in discovering

- *Chrysoritis beulah*. Quickelberge, C.D. (1966). A new species of *Poecilmitis* Butler (Rhopalocera) from the Eastern Cape. *Novos Taxa Entomologica* **47**: 3–11. Cameron accompanied Clive on 31 December 1964 when the type series was captured at the farm Welbedagt in the Uitenhage District, and provided the allotype and seven paratypes for the description.
- *Chrysoritis turneri amatola*. Dickson, C.G.C. & McMaster, J.C. (1967). Some observations on *Poecilmitis turneri* Riley (Lepidoptera: Lycaenidae), with a description of a new race. *The Entomologist's Record* **79**: 209–211. 1 pl.
- *Trimenia macmasteri*. Dickson, C.G.C. (1968). A further new species of the *Phasis wallengrenii* (Trimen) complex (Lepidoptera: Lycaenidae). *The Entomologist's Record* **80**: 89–92. 1 pl. Cameron discovered this butterfly on 16 October 1966 at Eastpoort near Cookhouse in the Eastern Cape and another locality at Vlekpoort near Hofmeyr, and provided the holotype, allotype and paratypes to Charles Dickson for description.

- *Thestor compassbergae*. Quicquelberge, C.D. & McMaster, J.C. (1970). A new species of *Thestor* Hübner (Lepidoptera: Lycaenidae) from the Eastern Cape Province, South Africa. *The Entomologist's Record* **82**: 319–323. 1 pl. Cameron and Clive discovered this species on 14 December 1969 on the Compassberg mountain to the north of New Bethesda in the Eastern Cape Province, and Cameron provided the holotype with 7 male and 8 female paratypes for the description.
- *Aloeides macmasteri*. Tite, G.E. & Dickson, C.G.C. (1973). The genus *Aloeides* and allied genera (Lepidoptera: Lycaenidae). *Bulletin of the British Museum (Natural History): Entomology* **29(5)**: 269–270. Cameron provided specimens from Eastpoort, Katberg, Cathcart, Gaika's Kop, Isidenge and Sheldon for the description of the species and his assistance was acknowledged by the authors who named it after him.

APPENDIX 3

Plants named after Cameron

- *Cyrtanthus macmasteri*. Snyman, D.A., 2003. A new *Cyrtanthus* species (Amaryllidaceae: Cyrtantheae) endemic to the Albany centre. Eastern Cape, South Africa. *Bothalia* **33**, p. 145-147.
- *Ceropegia macmasteri*. Dold, A.P., 2006. *Ceropegia macmasteri* (Apocynaceae–Asclepiadoideae–Ceropegieae), a new species from Eastern Cape, South Africa. *South African Journal of Botany*. Volume **72**, Issue 1, February 2006, Pages 144-146
- *Tulbaghia violacea* subsp. *macmasteri* Vosa, C.G. 2009. A new subspecies of *Tulbaghia violacea* Harv. from Kaboega (Zuurberg, Somerset East, South Africa). *Herbertia* **63**: 118–123.
- *Nerine macmasteri*. Duncan, G.D., 2016. *The Amaryllidaceae of Southern Africa*. 548–549. Umdaus Press.

APPENDIX 4

Presentations and awards

- 1991 Special award from the Merino Sheep and Wool Experts Association for his service to the Sheep and Wool Industry – on the occasion of the 25th Anniversary of the Dohne Breeders' Society.
- 1994 Honoured as “Sheepman of the Year” by the Merino Sheep and Wool Experts Association.
- 2002 Honorary Life Membership of the Dohne Merino Breed Society of South Africa and the East Cape Dohne Merino Club (2002) and he won several awards for Meritorious Service to these bodies.
- 2005 Presentation from the SA Federation of Group Breeders (2005) for “Interest and dedication to the South African Federation of Group Breeders and for many years of service to Group Breeding in general”.
- 2005 The Schelpe Award from the Botanical Society as the author of the best article covering any aspect of the horticulture of the indigenous flora of southern Africa appearing in *Veld & Flora*.
- 2006 The Australian Dohne Breeders Association made him an award with the citation “In appreciation of the outstanding contribution and commitment to the establishment of the Dohne Breed in Australia”.
- 2006 Honorary Life Member of the Botanical Society of South Africa.
- 2006 Western Cape Agricultural Writers Association voted him “Agriculturalist of the Year”.
- 2009 "Certificate of Excellence" awarded to the Napier CREW group for "outstanding contributions towards the conservation of threatened plants and habitats"
- 2012 Grootfontein Agricultural College honoured him as “Old Student of the Year” (2012).
- 2014 Honorary lifetime membership of the Australian Dohne Breeders Association.
- 2018 "Excellence in Botanical and Agri Tourism" award from FGASA (Field Guides Association of South Africa)

APPENDIX 5

Participation in local and international symposiums

- 1980 Two presentations at the World Congress on Sheep and Beef Cattle Breeding in Christchurch, New Zealand:
 - “The Role of Sheep Breed Societies in Promoting the use of Technological Advances and Modern Breeding Plans”
 - “Co-operative Breeding Schemes in the Republic of South Africa”
- 1984 2nd World Congress on Sheep and Beef Cattle Breeding, Pretoria, South Africa: Chairman of the Plenary Session on Group Breeding and organised and accompanied the Post Congress Tour as Guide.
- 1990 Served on the Planning Committee for the 3rd World Merino Congress held in Pretoria, South Africa and presented a paper entitled “Breeding Systems for Dual-Purpose Sheep”

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- 1994 Presentation at the 4th World Merino Congress held in Montevideo, Uruguay – the title being “The role of the Merino in the Development of Dual-purpose Breeds”
- 1995 Presentation at the World Sheep and Wool Congress held at Malvern, England, the title of his address being “Breeding for Fibres”.
- 1998 Co-author with Henri Londt of a paper entitled “The Dohne Merino as an example of Modern Breed Development”, presented by Henri Londt to the 5th World Merino Congress in Christchurch, New Zealand.
- 2002 Presented a paper on South African Bulbs at the 5th Annual Conference of the International Plant Propagator’s Society held in Pretoria.
- 2003 Guest Speaker at the Merino Selection Demonstration Flocks Annual Field Day arranged by the South Australian Research and Development Institute at Turretfield Research Centre. His paper was entitled “Breeding to meet your Commercial Production Environment”.
- 2003 Presentation on South African Bulbs for the Australian Bulb Society at Albury, NSW.
- 2003 Presentation on Wild Bulbs of the Eastern Cape at an International Symposium held by the Indigenous Bulb Growers Association of South Africa.
- 2004 Two presentations on South African Bulbs for the Alpine Garden Society of Great Britain and one similar presentation to the Nerine and Amaryllid Society of Great Britain – all in the UK.
- 2006 Presentation on “Profitable Sheep Production” to the staff and students at Lincoln College, Canterbury, New Zealand.
- 2006 The only South African invited to speak at the 7th World Merino Congress held in Perth, Australia.
- 2006 Presentation on “Botanical Tourism” at the 2nd International Symposium held by the Indigenous Bulb Growers Association of South Africa.
- 2013 Presented workshops for sheep breeders in Uruguay and Chile, South America.
- 2014 Invited to speak at the 9th World Merino Congress held in Stellenbosch, South Africa.
- 2016 Invited speaker at the Global Dohne Conference in Australia.
- 2018 Invited speaker at the International Dohne Conference in Uruguay (where he was the only speaker to receive a standing ovation).



S E Woodhall

Chrysoritis beulah (1966)



S E Woodhall

Chrysoritis turneri amatola (1967)



R Jones

Trimenia macmasteri (1968)



G Darling

Trimenia macmasteri underside (1968)



A Coetzer

Thestor compassbergae (1970)



M P Galpin

Aloeides macmasteri underside (1973)

BUTTERFLIES THAT CAMERON PLAYED A ROLE IN DISCOVERING



J C McMaster

Cyrtanthus macmasteri (2003)



J C McMaster

Ceropegia macmasteri (2006)



J C McMaster

Tulbaghia violacea ssp. macmasteri (2009)



J C McMaster

Nerine macmasteri (2016)



J C McMaster

Lachenalia sargeantii (2006)



J C McMaster

Massonia setulosa (2008)

FLOWERING PLANTS THAT CAMERON DISCOVERED OR REDISCOVERED