

Note from the GCF Board

Year of the Giraffe? It almost appears that way, when looking at the level of attention and conservation support the world's tallest and possibly most iconic mammal has received in 2016. It is about time that the world started to stand tall for giraffe, particularly after a year that has seen dedicated efforts which included the IUCN Red List announcement of giraffe being newly classified as 'Vulnerable to extinction'; the news that there are potentially four species of giraffe; and the BBC/PBS documentary in which Sir David Attenborough highlighted GCF's work with partners throughout the African continent.

Knowledge is power, and we feel that GCF and everyone involved have been very successful in driving giraffe conservation forward, and in moving closer to securing a future for giraffe in the wild. We are proud of our giraffe conservation efforts and successes, as well as those of our partners. At the same time, we are also excited about what the next year holds for all things giraffe. We hope you enjoy reading our Annual Report and, from all of us and all of Africa's giraffe, we would like to thank you for your continued support!

GCF Board of Trustees

Structure, Governance & Management	4
GCF Objectives & Principle Activities	5
Development, Activities & Achievements	6
The Year Ahead	17
Financials	20
Donors	22
Contact/Support	31



Structure, Governance & Management

The Giraffe Conservation Foundation (GCF) is a registered Trust in Namibia (No. T 499/15), created by a Trust Deed on 19 November 2015. GCF is the only non-governmental organisation in the world that concentrates solely on the conservation and management of giraffe in the wild throughout Africa.

GCF has five Trustees (Maria Pimenta Shaetonhodi, Penelope Orford, Jennifer Lalley, Stephanie Fennessy and Julian Fennessy), two Directors (Julian Fennessy and Stephanie Fennessy), and a growing number of dedicated conservation and environmental education staff.

Internationally, GCF works closely with the newly established *GCF-USA* in the USA and *Freunde von GCF* in Germany.. Both organisations are committed to supporting and furthering giraffe conservation efforts in Africa.

GCF Objectives & Principle Activities

The GCF is dedicated to a sustainable future for all giraffe populations in the wild.

GCF is established as a Namibian charitable and funding institution of a public character, with the objective to raise awareness and support towards securing a future for giraffe and the conservation of their habitat in Africa, and more specifically to:

- 1. Support the conservation of viable and existing habitat for giraffe.
- 2. Identify key threats to giraffe in Africa and develop innovative ways to mitigate these.
- 3. Raise awareness of and promote the value of giraffe conservation in African Range States as well as internationally.
- 4. Plan, develop, implement and administer projects and programmes including the appointment of project staff in support of its primary aim, in co-operation with local communities and partner institutions, as appropriate.
- 5. Collaborate with local, national and international partners on giraffe conservation efforts in the interests of giraffe conservation in African Range States.
- 6. Raise funds for giraffe conservation and management across Africa.

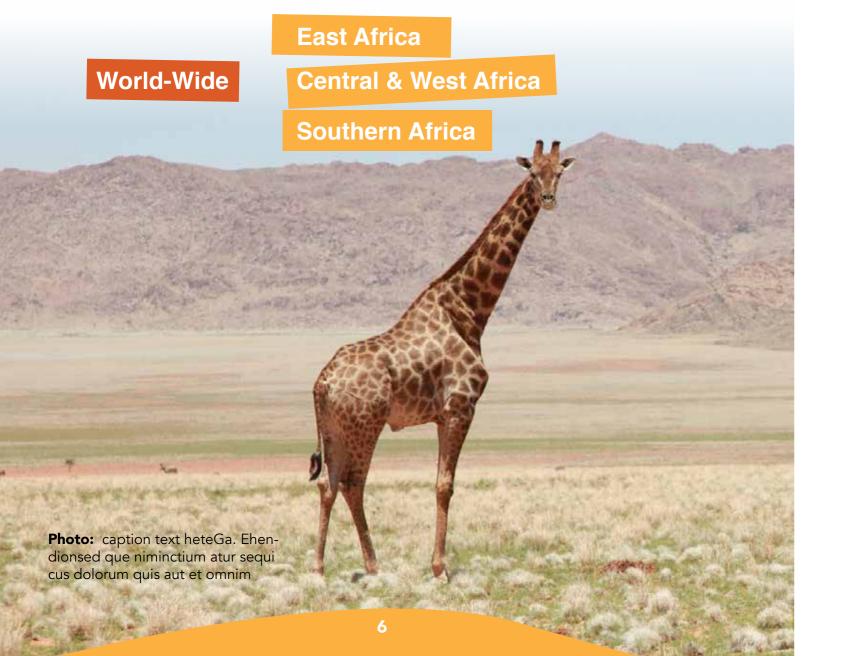


Development, Activities & Achievements

The 2016/17 financial year was a big year for GCF, as well as giraffe conservation in general. It marked GCF's first fully operational year as a Namibian registered organisation and the move to Africa has given the organisation a big impetus. GCF has continued to grow its programmes, and has increased its collaboration with partners to provide invaluable support to giraffe conservation throughout the continent.

That giraffe are slowly establishing their place on the global conservation agenda can largely be attributed to a few key developments, activities and achievements throughout 2016-17, and we can proudly state that GCF was involved in all of these. However, these achievements should not be seen in isolation. GCF works closely with African and international partners to achieve long-term sustainability and conservation success for giraffe in the wild. The combined efforts of all partners have been successful in creating international momentum for giraffe conservation, and the international conservation community is finally directing its attention towards these magnificent animals. GCF continues to establish new and valuable conservation partnerships in Africa and around the world, and to strengthen and intensify existing links and long-term collaborations.

The main achievements for this financial year are summarised as follows:



World-Wide

IUCN Red List Confirms that Giraffe are Under Threat



The iconic giraffe (Giraffa camelopardalis), one of the world's most recognisable animals and the tallest land mammal, has moved from 'Least Concern' to 'Vulnerable' in the newly released (December

2016) International Union for Conservation of Nature (IUCN) Red List of Threatened Species. Widespread across southern and eastern Africa, with smaller isolated populations in west and central Africa, new population surveys estimate an overall 36-40% decline in the giraffe population from approximately 151,702-163,452 in 1985 to 97,562 in 2015. Of the nine currently IUCN-recognised subspecies of giraffe, five have decreasing populations, whilst three are increasing and one is stable. This updated assessment of giraffe as a species was undertaken by the IUCN Species Survival Commission (SSC) Giraffe & Okapi Specialist Group (GOSG), hosted by the Giraffe Conservation Foundation (GCF) and Zoological Society of London (ZSL). GCF's National Giraffe Conservation Country Profiles have provided an invaluable baseline for the development of this new **IUCN** Red Listing.

Recent genetic-based research, undertaken by GCF, Senckenberg Biodiversity and Climate Change Research Centre and other partners, suggests that there are four distinct species of giraffe instead of only one. However, the IUCN currently only recognises giraffe as one species. Should these new genetic findings be confirmed, and become widely accepted, it would likely result in three of the four giraffe species being listed as under significant threat on the IUCN Red List. Taxonomy is just one of many gaps that still exist in our overall understanding of giraffe, which highlights that they are indeed Africa's forgotten megafauna.

Human population growth poses the largest threat to giraffe in Africa today. Habitat loss and changes through expanding agriculture and mining, illegal hunting, increasing human-wild life conflict and civil unrest, are all factors that are pushing giraffe towards extinction.

At the IUCN World Conservation Congress in September 2016, "Resolution 012 – Giraffids: Reversing the decline of Africa's iconic megafauna" was adopted by the members and called for action to reverse the decline of giraffe in the wild. Combined with the recent IUCN uplisting, this is a positive initiative to help save Africa's giraffe.

Genetic Analysis uncovers four species of giraffe, not one. Up until now, scientists and the world had only recognised a single species of giraffe, made up of several subspecies. However, according to the most inclusive genetic analysis of giraffe relationships to date, giraffe are actually not one species, but four. For comparison, the genetic differences among giraffe species are at least as great as those between polar and brown bears. Giraffe are in dramatic decline across their range in Africa. Their numbers have dropped substantially over the last three decades, from more than 150,000 individuals to fewer than 100,000. Despite this, there has been relatively little research done on giraffe in comparison to other large animals such as elephants, rhinoceroses, gorillas and lions.

About five years ago, GCF approached the Senckenberg Biodiversity and Climate Change Research Centre to assist with genetic testing. We wanted to know how similar – or dissimilar – giraffe living in different parts of Africa are to each other, and whether past translocations of giraffe individuals had inadvertently "mixed" different (sub)species and, if so, what should be done in future translocations of giraffes into parks or other protected areas to prevent this from happening.

In the new study, the collaborative research team examined the DNA evidence taken from ~200 giraffe collected by GCF and partners across Africa, including from regions in civil unrest. The extensive sampling includes populations from all nine previously recognised giraffe subspecies.

The genetic analysis shows that there are four highly distinct groups of giraffe, which apparently do not mate with each other in the wild. These four species include (1) northern giraffe (Giraffa camelopardalis), (2) southern giraffe (Giraffa giraffa), (3) reticulated giraffe (Giraffa reticulata), and (4) Masai giraffe (Giraffa tippelskirchi). Both southern and northern giraffe have two and three distinct subspecies, respectively: Angolan (G. g. angolensis) and South African giraffe (G. g. giraffa) for southern giraffe, and Kordofan (G. c. antiquorum), Nubian (G. c. camelopardalis) and West African giraffe (G. c. peralta) for northern giraffe. The latter includes the elusive Nubian giraffe from Ethiopia and the South Sudan region, which was first described some 300 years ago and represents the nominate species.

Media

From a media perspective, 2016 was an amazing year for giraffe. A lot of this media was created by GCF and our partners, based on exciting research (4 species paper) and conservation status updates (IUCN Red List update). However, a picture is worth more than a thousand words, and the BBC/PBS documentary "Giraffes: Africa's Gentle Giants" (BBC version was narrated by Sir David Attenborough) has done a lot to draw attention to giraffe conservation by engaging viewers emotionally. Highlighting the work of GCF, this documentary has been a key marketing tool to put giraffe in the spotlight. Additionally, GCF has been involved in a few other local and international programmes on giraffe, all of which are adding to the efforts of telling the world about the plight of giraffe.

World Giraffe Day 21 June

The longest day for the tallest animal continues to be a great success internationally, and

it is firmly set on the annual calendar of many zoos and conservation organisations around the world. World Giraffe Day 2016 raised significant support (>US\$100,000) and awareness for reticulated giraffe conservation in northern Kenya, and environmental education in Namibia (Kho-

mas Environmental Education Programme -

KEEP). Both initiatives put people at the centre of giraffe conservation, working with local Africans to increase their understanding of giraffe conservation and their local environment. The donations have already been put to good use by supporting rangers in northern Kenya, which includes the provision of much-needed monitoring equipment. The first-ever GPS satellite tagging of giraffe in Kenya is planned for the coming months. In Namibia, this support has already enabled >1,000 students to participate in KEEP since World Giraffe Day 2016 and the programme is almost fully booked for 2017!

Education Materials

With all the exciting new findings in giraffe conservation including their taxonomy and conservation status, we updated GCF's Giraffe Conservation Guide and all GCF's posters. All materials now reflect the proposed four giraffe species concept as well as the updated IUCN Red List conservation status of giraffe as Vulnerable. GCF continues to make these materials available as PDFs, free of charge, to anyone around the world, for them to send the correct giraffe conservation information further out to the world. The Giraffe Conservation Guide booklet is now complimented by four Africa-wide posters (Africa's Giraffe - Conservation Guide; Africa's Giraffe - Species; Africa's Giraffe - Conservation Status & Distribution; and Africa's Giraffe – Can you spot the difference?), and two country specific posters (Kenya's Giraffe - Conservation Guide; and Namibia's Giraffe - Conservation Guide).

Presentations and Talks

During the year, the GCF team and its partners presented at many events and meetings around the globe to help spread the word about our work and the efforts we support. In Europe, GCF partially sponsored the Antelope, Giraffe & Hippo 2017 conference, which brought together some of the world's experts to learn more about and discuss pressing conservation efforts. At the same time, GCF took the opportunity to present at Universities, Zoos, and the annual European Zoo & Aquaria Association Antelope and Giraffe technical meeting. In the USA, GCF supported the conservation component of our partner organisation Cheyenne Mountain Zoo at their dedicated Giraffe Workshop; we presented

our work and that of our partners at the Giraffid Conference in Chicago; and we gave presentations at numerous zoos and various other events.

Technical Support

GCF continues to provide technical support to a host of African governments, NGOs, conservation partners, projects, and students throughout Africa. GCF is currently working in 12 African Giraffe Range States, and has firmly established itself internationally as the go-to organisation for giraffe conservation in the wild.

Conservation Grants

GCF continues to provide critical Conservation Grants to projects with a strong conservation focus. This financial year, GCF supported the Zambia Carnivore Programme in developing capacity and support for a giraffe database in Zambia's Luangwa Valley; community-based giraffe conservation research efforts in north-western Namibia; AVEN and Niger government to undertake the annual West Africa giraffe census and monitoring in Niger; PhD research in Etosha National Park in Namibia; Authority in Uganda; and the monitoring and analysis of threatened giraffe populations in

sees its on-going commitment through Conservation Grants in helping to better understand and assist the conservation of key giraffe populations throughout Africa, while, at the same time, and most importantly, building capacity for future generations.

Strategic Framework

GCF has developed an Africa-wide Giraffe Strategic Framework as a 'road map' to guide giraffe conservation activities throughout the continent and to inform future national, regional or species plans. All GCF's giraffe conservation activities are guided by this Strategic Framework.



Conservation Partners

Photo: caption text heteGa. Ehen-

dionsed que niminctium atur sequi

cus dolorum quis aut et omnim

Over the past few years, GCF has managed to forge successful long-term partnerships with several key conservation partners and donors. This list is long and contributions range from modest monthly donations to large scale financial support, from close friendships to formalised organisational partnerships. Below are a few that stood out this year:

- Adventure Consult
- Africa Wildlife Tracking
- African Conservation Centre
- African Fund for Endangered Wildlife
- African Parks
- AGB Films
- Animalia Collective
- Association for the Valorisation of the Ecotourism in Niger
- Auckland Zoo
- Bubye Valley Conservancy
- Carter's W.A.R.
- Cheyenne Mountain Zoo
- Czech University of Life Sciences
 - Dartmouth College
 - Dropbox
 - Freunde von GCF
- Giraffe Conservation Foundation USA
- Goethe University Frankfurt
- Government of Niger
- Kevin Halfhill
- IUCN SSC Giraffe & Okapi Specialist Group
- Kenya Wildlife Service
- Loisaba Conservancy
- Michigan State University
- Mihingo Conservation Foundation
- Ministry of Environment and Tourism Namibia
- Dr. Pete Morkel
- Namib Desert Environmental Education Trust
- Okapuka Ranch
- Puros Conservancy
- San Diego Zoo Global
- Savannah Tracking
- Senckenberg Biodiversity and Climate Research Centre
- Sesfontein Conservancy
- The Nature Conservancy
- Uganda Wildlife Authority
- Uganda Wildlife Education Centre
- Ultimate Safaris Namibia
- University College Dublin
- University of New South Wales
- Wildlife Conservation Global
- Windhoek Animal Hospital
- Zambian Carnivore Programme













































Consults



















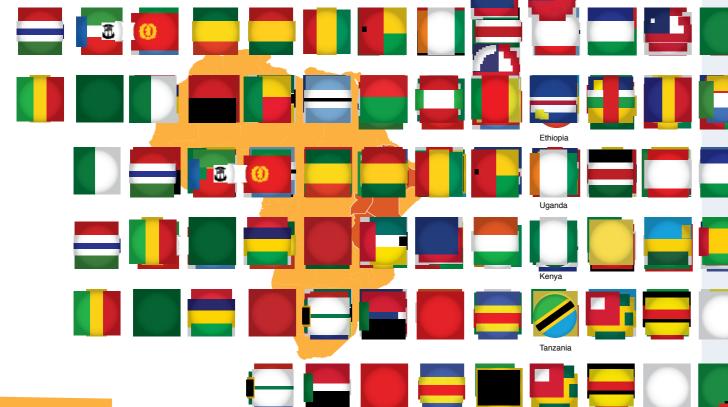












East Africa

Increased Presence in East

Africa GCF is working with local and international partners to further develop its East Africa footprint, including the establishment of a new office in Nairobi, Kenya, this year. In the past, conservation research of giraffe has not been high priority in the region, and the resulting lack of knowledge makes it difficult to gain a good understanding of the conservation status of giraffe and to provide targeted conservation support on the ground. So far, GCF's East Africa programme has succeeded in establishing partnerships with government and transboundary conservation initiatives, as well as local NGOs, and private and communal land owners. GCF supports the development and/or implementation of National Strategies in Kenya and Uganda, which includes population surveys and analyses across the region to establish a better understanding of threats such as Giraffe Skin Disease; and capacity building programmes for local Africans. This multi-dimensional approach will hopefully enable giraffe conservation to progress faster towards finding viable solutions for conserving giraffe in a region where numbers have plummeted silently over the last 30 years.

GCF has extended its conservation team by bringing on Arthur Muneza as East Africa Coordinator, based in Nairobi, Kenya. Arthur's background aligns perfectly with GCF as he has worked in close collaboration with GCF for

the past two years. He has launched himself into his new position by meeting and greeting all relevant partners in Kenya and Uganda, and developing and/or supporting several core projects and partnerships on all three giraffe species that occur in the region. His main objective is to establish GCF-East Africa as the go-to place for giraffe conservation in the region. Arthur has already been involved in numerous awareness raising events, which received good media coverage in Kenya. While working for GCF, Arthur is also pursuing his PhD at Michigan State University, USA. As his PhD topic is directly related to his day-to-day work, this is an exciting opportunity for GCF to enhance local African capacity and skills.

Uganda Giraffe Conservation

Programme GCF's giraffe conservation efforts in Uganda are a priority, and they are based on the Memorandum of Agreement with the Uganda Wildlife Authority (UWA). Conservation efforts focus on all three national parks that have giraffe: Murchison Falls, Kidepo Valley and Lake Mburo National Parks. GCF and UWA have partnered with international and local partners to support giraffe conservation, which include Dartmouth College (USA), Mihingo Conservation Foundation, Total Uganda, Adventure Consults, Uganda Wildlife Education Centre, and numerous zoos (Chester, Cheyenne Mountain, and Cleveland Metroparks). Operation Twiga, the high profile conservation translocation of 18 endangered Rothschild's giraffe across the Nile

2016 was a UWA effort supported by GCF and with giraffe. This is the best strategy to secure with giraffe. This is the best strategy to secure with giraffe. This is the best strategy to secure with giraffe. This is the best strategy to secure future for these giants in the wild. In me now employs a group of local wigal valinzi (Giraffe Guards). They have been trained and equipped to monitor reticulations and awareness resulting from this programme will hopefully support the future survival of this species.

raffe Conservation Strategy and Action Plan by ing well and is expected A quote here lorem **Reticulated Giraffe Conservation** collaborative reticulated giraffe prodamne in northern Kenya is a communiipsum el text giraffe ty d collaborative conservation effort. here here lorem ipspearheaded by San Diego Zoo Global in collaboration with several Kenyan organisations sum el text giraffe and communities (Kenya Wildlife Service, Lewa Wildlife Conservancy, Northern Rangeland Trust Namunyak Conservancy, and The Nature Conservancy). Collaborative, localised and multi-pronged approaches are required to stem the decline of reticulated giraffe, and to create sustainable conservation initiatives together

Niger Niger Critical Control of Corner Republic of

West African Giraffe in Niger For a C p d he rr p a le n vation NGO Association for the Valorisation of the Ecotourism in Niger (AVEN) to provide ded-

West African giraffe in Niger. The results look very positive, with an estimated 549 giraffe, a marked increase from just 49 individuals in the mid 1990s! This endangered giraffe population is the smallest in Africa, but it continues to flourish through good governance and management. Our additional support to AVEN for on-going monitoring is helping increasingly to build local capacity and awareness in the community.

hotspot for megal whome activities over the past decades and unfortunately giraffe number

African Parks Network has targeted technical giraffe conservation and management support in the park. A GCF supported MSc student, from the University of Life Sciences in the Czech Republic, is halfway through his year-long effort to better understand the ecology of the giraffe population, and, importantly, towards providing management recommendations for their future survival in the park.



Environmental Education in Namibia

Capacity enhancement in conservation is close to GCF's heart, and it features strongly in our concerns across the continent. In Namibia, for example, GCF works with and/or supports three different age groups of young Namibians to encourage them to become passionate about conservation, to enhance their skills and, most importantly, to protect giraffe.

GCF's Khomas Environmental Education Programme (KEEP) in Namibia has grown from strength to strength with the valuable support and employment of local staff and interns. Almost 2,000 Namibian primary school students participated in KEEP in its first year of implementation. KEEP takes students into the bush for a day—which for many children is a first-time experience—where they learn about how the natural environment and its wildlife works as well as harmful contributing factors to both the natural and human environments and, most importantly, their role in the environment as humans. KEEP exposes young Namibians to the beauty of their country

and, ultimately, it aims to cor Africa's environment, including giral

In order to reach secondary/high school students, we joined forces with one of the country's leading Environmental Education (EE) experts, the Namib Desert Environmental Education Trust (NaDEET). NaDEET, who provided technical support during the development of KEEP, have now included a dedicated giraffe-focused activity into their 5-day high school programme. GCF sponsors high school groups to participate in the NaDEET programme, and provides additional core support to the organisation.

And, in bringing giraffe conservation to industry, we have partnered up with the Namibian University of Science and Technology (NUST). GCF hosts a steady flow of interns, who gain valuable work experience and increased skill levels through GCF supervising their projects. GCF also acts in an advisory and supervisory role to NUST in the Department of Nature Conservation in the development of their new higher degrees.

Long-term Conservation Research of Desert-Dwelling Giraffe

GCF's long-term conservation research programme in north-western Namibia has had a new boost through a GCF PhD researcher focusing her time on the programme. Emma Hart, from University College Dublin, has taken over the programme and is conducting regular field conservation research in the area. So far, over 280 giraffe have been individually identified in the Hoanib, Hoarusib and Khumib River systems, and their movements and social interactions are under close observation. The programme offers regular opportunities for Conservation Supporters to join the team in the field. Get in

Adopt-A-Giraffe

Developing GCF's Adopta-Giraffe programme has proven very popular and a great success in generating

touch for more information.

funding for the Namibia programme. En-

Photo: caption text heteGa. Ehendionsed que niminctium atur sequi cus dolorum quis aut et

18

omnim

gaging supporters in learning more about giraffe conservation efforts in north-western Namibia has brought a new level of partnering. If you are interested in adopting a giraffe, please get in touch for more information.

THE YEAR AHEAD

GCF is looking forward to another dynamic year ahead as we continue to grow and cement our status as the leading 'wild' giraffe conservation and management organisation.

Our plans for 2017-18:

- Increase our conservation team to support current activities throughout all areas of Africa.
- In partnership with the Uganda Wildlife Authority (UWA), undertake Operation Twiga II to help translocate more threatened Nubian giraffe across the Nile River to the south side of Murchison Falls National Park.
- Support UWA in developing their first-ever National Strategy for Giraffe Conservation in Uganda.
- Develop Giraffe Species Working Groups and Action Plans in Kenya, in support of the National Giraffe Conservation Strategy .
- Increase conservation support for the Endangered West African giraffe in Niger
- For World Giraffe Day 2017 21 June: raise awareness and support for Masai giraffe in Kenya and Tanzania.
- Advance Reticulated giraffe conservation and monitoring across northern Kenya and Ethiopia, in collaboration with local and international stakeholders and partners.
- Continue long-term giraffe conservation research in north-western Namibia, in close partnership with community conservancies.
- Enable local and international partners to integrate giraffe conservation in their broader conservation goals.
- Raise awareness for giraffe conservation at presentations and events internationally, including Australia, New Zealand, Southern Africa, East Africa, Europe and USA.
- And much more...

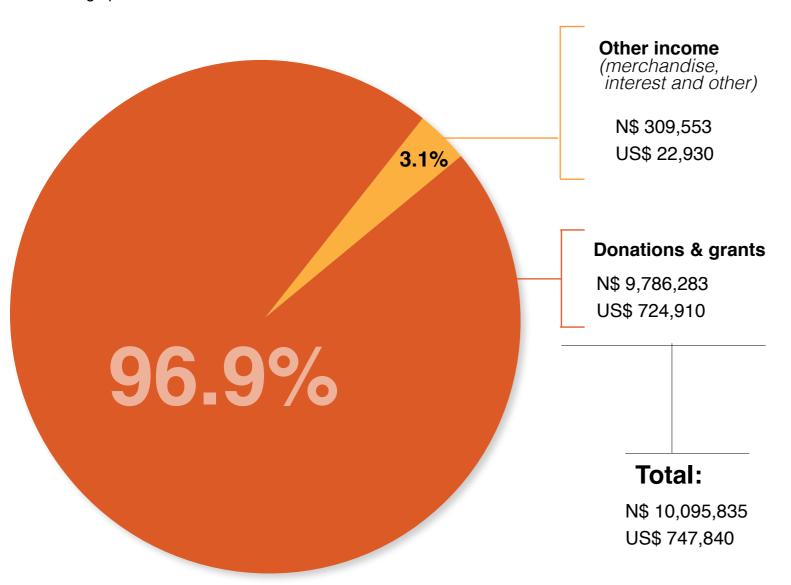
GCF FINANCIAL SUMMARY

This financial year marks an amazing achievement for GCF in its first year of being based in Africa. GCF's ability to increase its revenue each year enables it to develop its conservation programmes and partnerships across the African continent.

During this financial year GCF has managed to increase our giraffe conservation impact significantly, not least because of a diversified funding base from a wide range of supporters and donors who believe in our work.

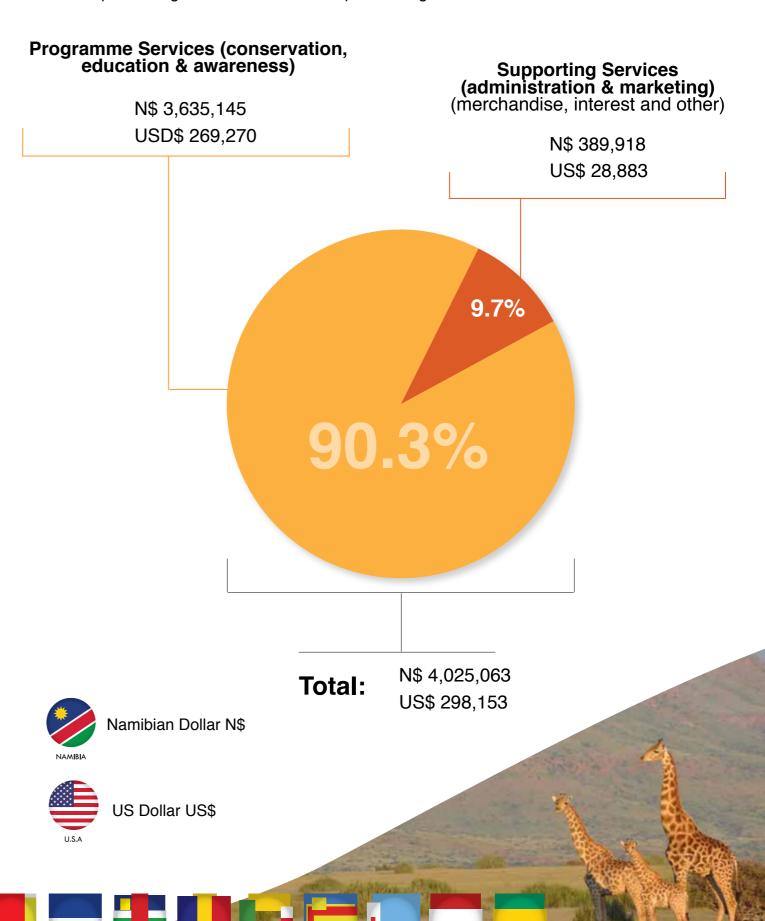
Operating Revenue

GCF receives funding from a diversity of sources including individuals, corporates, zoos, foundations and trusts, and more. The 2016/17 financial year showed an amazing growth in donations and funding for giraffe conservation. Most the support was received in the last quarter setting up increased conservation efforts for 2017/18.



Operating Expenses

More than 90 cents of every dollar donated to GCF is directly spent on giraffe conservation efforts in Africa. The increased revenue has allowed GCF to expand our giraffe conservation footprint throughout Africa.



DONORS

During this financial year, GCF received financial support from many organisations and private donors. Without this support, we would not be able to undertake critical giraffe conservation and management efforts across Africa and internationally.

US\$50,000 and above

Cleveland Metroparks Zoo / Cleveland Zoological Society Daniel Maltz, The Milton and Tamar Maltz Family Foundation Giraffe Conservation Foundation UK Giraffe Conservation Foundation USA Leiden Conservation Foundation Waitt Foundation World Giraffe Day – 21 June 2016

US\$25,000 -US\$49,999

GEF Small Grants Programme Utah's Hogle Zoo

US\$10.000 -US\$24,999

Blank Park Zoo Born Free Foundation Chevenne Mountain Zoo Columbus Zoo and Aquarium **Detroit Zoological Society** Rendall Lamb & Carvel Glenn Tom & Kathy Leiden Naples Zoo at Caribbean Gardens Nashville Zoo Parco Zoo Punta Verde Rennoc Corp Foundation Candis Stern Total E&P Uganda Vanguard Charitable Waterloo Foundation

US\$5,000 - US\$9,999

African Safari Wildlife Park Animal Friends Insurance Chester Zoo Donna Emerson Houston Zoo Priscilla Kimball Elizabeth Schott Schwab Charitable Topeka Zoo Wilderness Wildlife Trust ZooParc de Beauval

US\$1.000 - US\$4.999

ABQ Biopark Zoo **Animal Charity Trust** Antwerp Zoo Blair Drummond Safari Park Brevard Zoo Bushwhackers Canada Bay Club Cranakeith Foundation Dallas Zoo AAZK Chapter Donald Dev Nicole Dev Elmwood Park Zoo AAZK Chapter Evans Family Charitable Fund Fort Wayne Zoological Society GoGreen Fund Greater Minot Zoological Society Greenville Zoo Hollard Houston AAZK Chapter International Women's **Association Namibia** Jacksonville Zoological Society Kristine Karnos Colleen Kipfstuhl

Suavek Lehmann Lion Country Safari Lion Country Safari AAZK Chapter Los Angeles AAZK Chapter Malibu Wine Safari Milwaukee County Zoo Bill & Kathy O'Neill Omaha's Henry Doorly Zoo Omaruru Beverages Orlando Longnecks John & Nuri Pierce Patricia Price Puget Sound AAZK Chapter Heidi Quast Beverley Robbins Brooke Rose **Andrew Rosindell** Joan Rust Julie Saar Jimmy Sanders Thetus H Smith Finnegan Southey Dana Stuart-Bullock Sun Karros Topeka AAZK Chapter Michelle Wagener Wags and Menace Make a Difference Foundation Dani Walthall Woburn Safari Park Woodland Park Zoological Society Zoological Association of America

Anne Marie Kohlligian

US\$500 - US\$999

Abilene Zoological Society Allied World Assurance Company B Bryan Preserve Birmingham Zoo Lisa Britton Buffalo Zoo Community Foundation of Western Massachusetts Michael Connor Margaret Croucher Dickerson Park Zoo

(Friends of the Zoo) Kent Dooley Fidelity Charity Barbara Flynn Freunde von GCF **Betty Gentry** Glover Family Larry Gogolick Greater Cleveland AAZK Chapter

Greenville Zoo AAZK

Chapter Damon Ground Elizabeth Haenel Peter Honeyborne Bryan Huth

Abel Ibanez James F Joseph Juliana Kave William Kronholm Klara E Kurowski Kenneth Lemon

Georgann Meadows Deborah Jo Miller Monde Sauvage Safari

Parc **Britton Morrell**

Ingrid Lin

M Mottram Namibian Environment &

Wildlife Society **Edward Needham** Network for Good -CrowdRise

Jerry Nielsen Nikela

William Oetting Sandi Perlman Pupkewitz Foundation

Bernard Robe Safari Game Search Foundation/Wildlife Safari Jessica Schrauger Lorinda Soma Vivek Sriram Kristen Tauber

Marianne Tykolis-Casey Wildlife Conservation Network Jack Williams **Andrew Young** John Zey

Zoo Ljubljana Michael Zuckerman

Zoo de Lvon

US\$1 - US\$499

Anita Aasen Anne Ackenhusen Charlotte & Corinne Adams

Aesara Foundation Ratan Agarwal Linda Ahrens **Armand Alachav David Albrecht** Albukerk

Rick Allan Allan Cavanagh Arts

Judith Allen Róisín Allen Altruette Lauren Amant Jean Amato

Amanda Amborn Vaughan Ames Donald K Anderson Reece Anderson Xavier Andrade Andrzejewski Adele Angier Joe Annandale

Maria Fe Aoko Todd Araujo-LeClaire **David Armstrong** George Arnold Patricia Arnold

Vanessa & George Arnold

Kelly Ash Gillian Ashworth April Atherton Attard

Anne Aufhauser Janis Augustin Maxine Austin Corinne Avellino Avid Brans

Christine Avramopoulos

Avres

Peter & Debra Bachfischer

Andre Baier AllisonBailev Kim Baird Adrienne Baker S Baker

Sarah Baldridge Jenny Balman

Adam Bamberger Laura Barbash

C Michael Barber Dawn Barclift

Michael Barela Stacy Bargren Kelly Barkey Derek Barlow Diana Barnes

Lisa Barnett **Nadine Barrett** Peter Barritt

Brian Bartell Christine Barth

Christine Barth-Hartdegen

John Basinger Jeremiah Batucan

Jayson Bax Eric Baxter

Christopher Beadles

Nanette Beck Wendy Bednarek Caren Bedsworth

Beegle

James Beeston Richard Bell Tracev Bellina Aimee Belser Benagh

Gretchen Bender Robert Benedetti

Benevity Causes Patricia Benson Alisa Berezin Tim Berneman Ross Bewley Trushar Bhalsod Rachel Bhattacharyya

Kaylin Bishop Camilla Blakemore Francisca Blazquez Martinez Kathryn Boccheciamp Jennifer Boggs Jamon Bollock Peter Bolton **Books and Crannies** A Carew-Cox Steven Borecki Jenna Bos Linda Bottarini **Robert Bowers** Shari Bowers Gillian Boyling Michael Bradford Cynthia Bragdon Mandy Braine **Gregg Brandly** Leslie Branick Ernest & Maureen Branson Kathryn Braund Roger Bray Hilke Breder Diane Bretz Brevard Zoo AAZK Chapter Claire Brewer **Kyle Brewer**

Judy Brey Briano Sarah Bridge Glenn Britting **Beverley Brock** Danielle Brown Joyce Brown Paul Brown Peter Brown William Brown Alyssa Browning Miranda Bruce Shirley Brueggeman

Brummel

Jochen Buchholz Ursula Buchholz Daniel Büchsenschütz

Janet Buell Lyndy Buglio Richard Bunker Sabrina Burnard Mike Burrett Lucy Butler

Jeffrey Butterfield Francesco Calabrese Kathleen Caldwell Ralph Caldwell

Francesco Calebrese California Pizza Kitchen Darius K Cambata **Charlotte Camerer** Rudolf Camerer Amber Cantu

Cardboard Box Travel Shop

Jocelyn Carle Shaye Carlisle Marilyn Carnevale ML Carolan Judith Caroselli Robin Carrier Sandra E Carrigg Steven Carter Diana Cartier Fabio Casula

Kim Catalano Caroline Catchpole Catherine's Treasure Box

CB Enterprises Jindra Cekan Frank Cermak

Rochelle Chambless Anshuman Chandra Rendhir Chandran David Chang Shu-Han Chang Paul Chao Mark Chapman Michael Chapman Janice Chase Regina Chen Jean Cherni Anne Chernish

Joel R Cheves Murata Chiyuki David Chorbajian Monique Chretien Sonja Christoffersen Elaine Chuang Kristin Cibotti

Anthony Ciccone Laurie Cirillo Mary Ann Cisneros Simon Cisneros David Clark Veronica Clarke Clementson Ralph Coakley Kathryn Cochran

Billie Day Virginia Cody Judith Cohen

Sheila Cohen Cassandra Colchagoff

John Cole Margaret Coleman Caroline Collins Gavin Collins Morgan Collins Steven Collins

Tamara Colloff-Bennett Janet Comerford Joel Conley Joseph Connell Mark R. Connell

John Conway Amanda Cooey

Christina Cook Bryan Cooke Laura Cooper Samantha Cooper Jose Cordero Cornbleet **Diane Cotton** Tava Countryman

Guillaume Coziol-Lesperance

Crafty Creations Suzanne Crater **Heather Crawford** Creations 4 Wildlife Ralph Critchfield Cynthia Crosby Jill Crosslev Mary Crouse **Howard Crowe** Ken Crowell **Eileen Crowley** Shirley Cruse Carol Curran Cymot

Nicola Czerpak Stephanie D'Ambra David Daigle

George Daley Ian Dallimore Stephen Danforth Ashkira Darman Laura Daugherty Noelle David Robert Davidson Kent Davis Susan Davis Genevieve Davys **Richard Dawes**

Ken De Cruyenaere Bauke de Jong

Lvnne de Lacv Katherine Delanov Erin Delsol-McIntire

Harriet Delu Emily C Dening Lynn Dennenberg Cameron Dennison Linda Deschaine

Deutsch Nancy DeVane Lynne Devine Clifford Devries **April Dewees** Stuart Dickerson Elliot Dickson

Diep

Dianne Dietz Different Music Yvonne DiFrancesco Ingrid DiGregorio Katherine Dillon Neal Dini

Wendy Doan Stephen Dobi Lorna Dobrovolny Laura Dobrzelewski Hariot Dogra Wendy Doherty Elizabeth Dolan Kenneth Donohue Patricia Donohue Deanna Donovan Claudette Dorsev Joy Pamela Doty **Christopher Doucet** Christiane Dreiner

Susan Drummond Carvl Drver

Jeremy Driver

Dudley Zoological Gardens

Cherylee Duncan Stephane Dupre Marianne Eagan Christopher Eagle

Johannes Dreiner

East Texas AAZK Chapter

Edward Ecock Shalina Edge Vivien Edwards Ehret Design Robbie Elconin Elfenbein

ELHS Class of 1999 Reunion

Carolyn Ellingwood

Phyllis Elliott

Deborah Elliott Frieden Imke Elstner

Tamira Elul Michelle Ely Patricia Emrich

Enchanted Forest Crafts

Nancy Engel Joy & Herbert Epstein Erie Zoological Society Erlebnis-Zoo Hannover Jessica Etheridge Amanda Evans Rhiannon Evans Anthony Eve **David Everest** Kathleen Exelby LuNell Ezzell Valerie Faler

Molly Faulkner Priscilla Felia Kristy Ferguson Patrick Ferguson Antonio Fernandezvinas Jason Ferris Franco Ferro Rachel Field Rubens Figueira Eric Finch Valrie Fingerman Suzanne Fischer Jacquie Fisher

Richard A Falk

Sabrina Fasoli

Daniel Flanagan Tammy Flanders Hetrick

Lindy Fletcher PR Flood Maria Fe Flores Raphael Fodde Diane Folz

Jamie Fitzgerald

Robin Flack

Food Store International

Alfred Forsyth Gary Fouty Meredith Francis Jonathan Franke John Freeman Lena Freeman Sean Freeman

Catherine Freudenreich Natasha Friedman Avi Friedman Levy

Friends of Greenville Zoo Frozen Ocean Wave

Gail Fuhrer Josephine Furness

Mark Fynn Juliana G. Ashley Gable Danielle Gabor Sunny Garbutt Alexis Garcia Gregory Garduno John Garton George Gary **Charlotte Gass** Jeanette Gates **Ankit Gaur**

Christina Gellhorn Phyllis Genton Calvin Genzel James Gerdes Janice Gesin Christopher Gilbert Kevin Gilbertson Vanessa Gill Sarah Glavev

Morissa Gleichenhaus Thomas Glen **Hubert Glover** Joann Goldwasser Deborah Gonzalez Michael Gonzer

Kyle Goodwin Cory Gordon Melissa Gordon **Christine Gotwols**

Gowan

Leslie Graham Kathleen Granat William Grasha Andi Grassl Gary Grata Billy Green Madison Green Green & Cohen Karla Greening Greenwood Organics Cheryl Greeson

Tony Gregg Joseph Grinder Phylis Grisham Ann Groover Jay Gross

Eric Gruber von Arni Michael Guckian

Sreedevi Gummuluri Kate Gunter Valerie Guppy Karen Gurmankin Ronald Gurney Deborah Hagen Carmen Hagon-Smith Marcus Hailoway

Donnie Halloway
Julia B Hammer
Birgit Hampl
Peter Hancock
James Hansen
Paul Hansen
Valerie Harding
C Hargreaves

Lauren Harmon

Doyle Harper

Holly Harrington-Peterson

Sherry Harris
Steven Harris
David Harrison
Randy L Harrison
Janice Hart
Susan Hartley
Theresa Hartzog

Brad Hatfield
Catherine Hatinguais
Marla Hattabaugh
Dean Havens
Fred Haver
Jeff Hawk
Quentin Hays
Elisabeth Healy
Gregory Healy
Heidebrecht
Bonnie Heikes
Jeff Heimermann

Delen Heisman
Joy Helbing
Heller
Oliver Helm
Aaron Henderson
Catherine Henderson

Steven Henry
Henry Vilas Zoo
Nicholas Herlick
Hernandez
Victoria Herriott
Hannah Heuer
Kizzy-Ann Hextall
Heyes Charitable
Hans A Heynau
Kathleen Hiebert

Shari Higashi Frances Higginbottom Nancy Hightower Charles Hill Diane Hoatson Pamela Hodgson

Hoekstra

Heather Hoesterey Nicole Hogan Jesse Holcroft James Holdsworth

Matt Holley Raymond Honeycutt

Megan Hoover
Elisabetta Horvath
Jackie Houser
John Howard
Judy Howlett
Teresa Hufnagl
Kelly Hughes
Paul Hughes
David Hulnik
Doug Humann
B Hummitch

Karen Humphries S Hunt Frank Hunter Joan Hunter Margaret Hyde Claude Imbault Amy Immel Laura Impastato Niloufer Nina Irani Andrew Irish

Gerald Isenberg Zoe Iverson IX2 Ltd

Adam Jackson Alan Jackson

Jacksonville AAZK Chapter

R Jacobs Pollez
Louise Jakobsen
Kelly James
Inka Jaroszynski
Yvonne Jasinski
Fraser Jefferis
Debra Jennings
Shana Jensen
Deborah Jervis
Nicki Jesky
Andrea Johnson

Karen Johnson

Mary Johnston

Carl Jones

Cynthia Jones
Nancy Jones
Oliver Jones
Robert Jones
Todd P Jones
Sarah Jordan
Thomas Jordan
Serene Joseph
Siri Jostad
Caren Kalman
Jason Kanter
Ann Kaslow
Laurie Katon
Martha Katt

Shadi Kattan

William Keener

Alison Keleher

Andrew Kelly

Jill Kemp Kendust Debby Kennedy Agnieszka Kent Paul Kent Adam Kerins Lisa Kerr Jim Kief

Elizabeth Kinahan

Kindig
Catherine King
Christopher King
Zack Kingsak
Jordan Kitchens
Tracy Klayton
Karen Kleiman

Wendy Klein

Candace Klein-Loetterle Julie Kline

Rita Kluwe
Gordon Know
Carl Koch
Stephanie Kofler
John Kohan
Marcia Korman
Diane Kosec
Alexandra

Koutsogiannopoulos
Diana Kraushaar
Mark Krauska
Stephen Krautheim
Stanley Kriel
Kathy M Krizek
Julian Kronick
Susan Kruhk

Mark Kucera

Tushar Kulkarni Bhupendra Kumaria Christine Kupfer Marie La Cour Rebecca La Reau Melissa Lach Paul Lailey Robin Lakey

Sankar Lakshminarayanan James & Cynthia Lamon Lauren Lampert

Jeff Larson Scott Larson Maia Larsson Betty Latshaw Kathleen Lattavo Jessika Laufenberg

Amy Lawrence Caitlin Lazaro Vicki Le Kevin Leach Bonnie Leal DM Ledger Lee

Eric Lavoie

Carole Lee Gwendolyn Lee Tina Lee Lehman

Craig Leidelmeijer Leslie Leidelmeijer Shari Leigh

Lema

Charles Leonard Leonard Leonardi Diane Leroi

Jaclyn Levie Steven Leviine

Lewis
Anne Lewis
Becky C Lewis

Cathy Lewis-Dougherty
John Levdecker

Don Leynes
Mengdi Li
Dimitrij Lianevski
Matthew Libbey
Judith Lin Hunt
Greg Lindstrom
Lion Habitat Ranch
Claire Lipop
Rosemary Lloyd
Gary Lofgren

David Long

Elizabeth Long
Robert Longgrear
Phillip Loseby
Kathie Lostetter
Amy Lothrop
Jennifer Loveless
Katherine Loving
Nadia Lovko
Tilia Lucero
Hilary Luckhurst
Marilyn Ludzki
Ariana Luke
John Lynch
Alan MacCormac
MacDonald and Brit

MacDonald and Bryant
Psychology Professional

Corporation
Kate Mackenzie
Margo MacLeod
Stephanie Maddox
Judith Mader
Ajay Madgavkar
Wendy Madow
Saru Mahajan
Kathy Maher

Lauren Maier Wolf Malkusch Melissa Ann L Mallari Peg Malloy

Jonnie Maloney
Ann Malsbury
Francesco Mancini
Jane Manning
Neil Manson
Jennifer Margolis

Lynell Marianetti Ashley Marioni Charlotte Markey Craig Markham Megan Marley Tina Marohn Linda Marple Ann Marshall

Alison Martin
Joe Martinez
Maureen Mathues
Michael Mawn
Eileen McCarrier
Jennifer McCarroll
Kathleen McCarron
Colleen McClenahan

Paige McClendon

James McComas

Alan McConachie

Laura McConnell Colleen McCreary Kate McCutchan Cynthia McDaniel Keith McDaniel Tricia McDeed Yvonne McDermott Gary McDonald McElvy

Laurene McKillop Pamela McLaren Bruce McLear Barbara McMahan Colleen McMullen Jack McMurry

BJ McNamara Sharon McNamara

Jan McTolf
Michelle McUaid
Matthew McWenie
Alec McWilliams
Janet McWilliams
Georgia Meacham
Kingsley Meek
Kerry Meisner

Katya Melluish Gerald Meral Catherine Merlin

Messina

Bart Meldau

Mary J Metzger Alex Mezzavilla SK Michael Erin Michalak Dinah Miller Evelyn Miller Richard Miller Samuel Miller

Jonathan Millington
Gary Miner
John Misaros
Felicity Mitchell
Graham Mitchell
Kathryn Mitchell
Christine Mittelstead
David Modoski
Petra Moesslach

Petra Moesslach Edward Moir Helena Moissant Jennifer Molloy Kris Moncada Charles Mones Brandi Moore Caroline Moore

Susan Moore Yvonne Moore Carrie Mooser Sangeeta Morar **Louis Morency** Sarah Morgan Sarah Morgan Appelt

Anne Morris **Stephen Morris** Carol Morton Kimberly Mott

Jo Muilenburg Ruth Mullen Michelle Muller Javanthi Murali Deborah Muraro Gregg Muresan Eric Murray

Jody Mussoff Marina Muvley Richard Myers Terry Myers Rajan Nagarkar

Jeffrey Nakano Robert Nankin

Maureen Naughton Angela Nava Maliha Nazerali Cameron Neil

Richard Neiman Marissa Neises

Jeffrey Nelson

Susan Nelson Hearon

Nancy Nemecek Cathy Nemtsov Sharon Nesselle Paul Nettelmann Mark Newman

Mau Huan Nguyen

Niami Zoo **Noel Nick** Polly Nissman Laurie Noble Lorraine A Noble Nathalie Nodarse Jessica Noeth **Carol Norris** Barbara Norton Michael Norton **Darcy Nutter**

Nina Maria Nygaard Mary O'Brien

Tracv O'Brien David O'Connor Kelly O'Donnell Colin O'Keeffe Joan O'Mara Paul Oberon **Thomas Obreiter** Sherly Oey

Danielle Olsen Gary Oman Stephen Oreilly Pippa Orme

Ava Orphanoudakis Angela Ortiz

Fredrik Östlin Otter And Owl

Out of Africa Wildlife Park

Paul Owens Peter Ozimek Patricia Packer Andrea Paden Mark Pain Jacob Palacios

Dorothy & Scott Palmer Valentina Papazova Rosemarie Parascandola

Parc Safari Simon Parkin Caroline Parkinson Rosalind Parneix Kevin Parsonage John Pascale

Jacqueline Passchier-Mol

Chiquita M Pate Heena Patel

Pathways to Success Kathryn Patterson

Jill Pattison China Pay

Samantha Pearmain

Karen Peck Douglas Pedersen Joy Pelletier **David Perkins Edward Perkins** Karey Perks

Ruth Perlin Lisa Perronne Pamela Perry Tom Petersen Julian Peterson Petia Petrova Catherine Phillips Trisha Pitsch Carsten Plass

Samuel Plesser

Pointbreak Karin Pollard Kate Pollock Lois Pollock Jessica Pool Pop IT Consulting **David Posner Andrew Prasad** Melissa Prest Ann Prezyna **Amy Price** John Price

Linda Price Anne-Marie Priebe **David Pritchard**

ProForce Software Corp Dominic & Jannee Pugliani

Ines Püning Allison Pyburn Diane Pyle Freia Quistgaard Marijo Racciatti David Rackham Roger Rainwater Dharmesh Raithatha Grace Rakeman Bonnie B Ramage Priscilla Rambar

Jayantha Randeni J Rapkin

Frank Rasmussen

Ciara Ray Lorinda Ream Red Dog Film CIC Carmen Redlin Betty Reed Mark Reed Paul Reed **Gary Reeves** Carl Reffo Martin Reilly

Matthew Reinhardt Kathrvn Reis

Rebecca Resnick Jeanette Ricci Fred Richard MA Richards Chris Richter Sandra D Rideout

Richard Ridley Lucinda Rinaldo Rhea Rinaldo C Rising

Robbins Mohr

K Roberson Corinne Roberts Catriona Robertson Judy Robins Randolph Robins

Kim Robinson Vickie Robinson Rock Steady Rhythm Kathy Rodriguez Christine Rogers Flick Rogers Zeena Rogerson Kim Roonev

Rodrigo Rosario Diane Rose Sydney Rosen Maureen Rosenblum

Gertrud Rössner Roszko Ashl Roth Linda Rothchild Jovce Rotondi Deanna Rouse

Russell Rowe Christopher Rowland Gareth Rowlands Beatrix Rozsa Jennifer Rucker Olga Rudomiotov **Gregory Russell** Lin Saberski

Sharon Safarik Sarah Saint Audrey Samson Donna Sandefur Gillian Sanders Sandy Sandilands Stuart Sandler Judith Sanford Sandy Sansom Carlos Santo Edvta Satchell

Patricia Satek Linda Saunders Karin Sawyer Elizabeth Scannell John Scaramucci Jane Scheer Seth Schild

Patricia Schmitt Hans Paul Schneider Luise Schneider Stefan Schneider

Margaret Schoolfield John Schorsch Schwartzkopf Ann Schweichler Cynthia Scott Lesley Searle John Secco Paula Shafransky Susan Shakespeare

Trudy Sharp Joseph Sheard David Shedden Nicole Shemanski Milena Sherry

Lisa Shields Linda Shiles Kimberly Shriner Vikram Shrowty Melissa Shumake

Eleanor Shumaker Shelli Sibert Lori Siebert Pamela Sillix

SilzerLaw Chartered

Roger Simms Linda Simon Jamee Simons Nora Sirisko Fran Sitton Marcia Sivek Tonia Slaseman **Amanda Slattery** Ian Slattery Sloman Hannah Slovut

Janice Smart **Brenden Smith** Brian Smith Carol Smith Colin Smith **Deborah Smith Heather Smith Jarrod Smith** Jeanne Smith Jessica Smith Steven D Smith

Smith

Norman Snook Ben Snowden Timothy Sohn Melissa Solomon Melissa Solomon Covev

Mary Sonnak Sonja Sorbo

Michael Sowle Pam Spillers Philip Spring Susan Stanley Judy Steffes Emily Stein **Andrew Stevens** Sarah Stewart **Scott Stienties** Zachary S Stinson Mary Stockard

Stone Diane Stone Jennifer Stone Judith Stone William Stowell Elizabeth Strauss Charmaine E Stretz Stacy Strother John Stults John Sturtevant

Peter Sufka Nicolet Sullins Al Sulzer Nikki Sumrow Joyce Sundrum Anthony Sute Thomas Sutfin William Swanson **Edward Sweeney** Joy L Swensen Tamás Szenes Junko Takeya Jetske Tamboezer

Elena & Joseph Tangrea Linda Tannehill Valerie Tarling Lauren Tartaglia Madeleine Tate **Edith Taylor** Jeremy Taylor Karen Taylor Moyra Taylor William N Taylor Michelle Tavon The Web Experience December Therrien Katherine Thomas

Aurora Thompson

Emma Thompson

Tamara Thompson

Ben Thompson

Kim Thomson

Julie Thornburg

John Thornton Tierpark Hellabrunn John Tomizuka Margie Towerv George Towle **Howard Train** Aimee Trier Carole Trone Irene Trossback George Tudose **Danielle Turner Margaret Turner**

Tyler David Ulf Untitled Fine Art Lucy Upshall Rosie Upton Ben Uyemura Eileen Valachovic Nancy Valentine

Ezechiele-Castiglio Valenzi

Nora van Doren Mark Varley Varmazis **Tawnie Varnell** Eloise Vega Jack Vellios

Seema Venkatachalam

Dennis Vidoni James Vintner Derek Vittum Rachele Vogel Cindy Vogt Caren von Hippel Herbert Vossler Karina Wade Nina Wade Todd Wade Ilona Walker Julie Walker Carol Wall

Phyllis Warburton Sue Warner

William Walldén

Wendy Wanlass

Wasley Ashley Watson Debra Watson **David Weaver** Glenise Webb Lynne Webb **Ronald Weber**

E Wee

Kathleen Weeks

Michelle Weiland Josie Weir Weiss-Boronski MacKenzie Welch Jared Wells **Sharon Wells**

Welter

Kathleen Welton Jennette Wesley Elizabeth West Paul Whewell Lonna Whipple

Danielle White Gillian White Moraq Whitworth Jonna Wiedmaier **Constance Wiggins** Andrea Williams Cynthia A Williams

Erin Williams Karen Williams Matilda Williams Claire Williamson Kathleen Willis Eric Wilson

John Wilson Mary G Wilson Michele Wilson Rebecca Wilson Katie Wimmer

Rachel Winkler S Ross Winter Marilyn Winton Marilyn Wise

Christoph Witt Melissa Wolf Tom Wolfstein

Wood

Amanda Wood Paul Wood

George Woodcock Karen Woodward Michelle Woodward **Wool Sweater Street** Susan Woolverton Anne Wormack Barbara Worth **Andrew Wrav** Sean Wright

Amy Yaccato John Yildiz Lela Zaphiropoulos

Gae Xavier

Ameet Zaveri Anthony Zazzi Zblewski Brian Zebell Brittany Zelgowski Peiyao Zhao Bonnie Ziff Richard Zini Jr Carolyn Zinke Cheryl Zollman Zoo Duisburg Zoo New England William Zumach Jeannette Zyderveld

