

Saola Working Group members Chanthasone Phommachanh (far left) and Rob Timmins (fourth from left) with survey team in Khoun Xe Nong Ma Provincial Protected Area, Laos, September 2017



# SAOLA WORKING GROUP 2017 Annual Report

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THE SAOLA WORKING GROUP WAS FOUNDED IN 2006

IT IS PART OF THE
ASIAN WILD CATTLE SPECIALIST GROUP
OF THE IUCN SPECIES SURVIVAL COMMISSION

www.savethesaola.org









All of us in the Saola Working Group have known from the beginning that saving the Saola from extinction will not be easy. But we also know what success will look like: deep, committed collaboration. This collaboration includes the passionate members of the SWG, our partners in the governments of Laos and Vietnam, and supporters of Saola conservation around the world.

In the pages of this 2017 annual summary are everywhere the watermarks of this collaborative partnership. In the midst of this challenging task, our donors and supporters keep us inspired. We in the SWG are abundantly grateful, and look forward to continued progress through collaboration in 2018, and beyond. Together, we can keep the world a little richer, some mysteries alive a little longer, through the conservation of this beautiful and extraordinary animal.

William Robichaud

Coordinator, Saola Working Group

The Saola Working Group was formed to bring the best and most dedicated people in Saola conservation together to catalyze conservation efforts for the species. This year has seen the power of the group truly come to fruition as we gear up for an ambitious conservation and recovery program for the Saola.

We have developed focused teams that are driving the Saola conservation program forward, and through the support of the global zoo community have been able to allocate funds for the establishment of a conservation breeding center, undertake detection efforts to guide Saola capture efforts, design and plan a Large-antlered Muntjac capture program, and secure the support of the Vietnam and Lao governments. The plans, processes, and teams are in place to secure captive insurance populations of Saola and Large-antlered Muntjac to ensure their survival and eventual reintroduction into the wild. Great strides have been taken this past year, yet more work remains to reach our goal of saving the Saola.

**Barney Long, PhD** Chair, SWG Steering Committee



### THE SAOLA

Discovered by science only in 1992, the Saola (*Pseudoryx nghetinhensis*) was one of the most spectacular zoological discoveries of the 20th century. It is now one of the most imperiled animals in the world, and is listed as Critically Endangered on the IUCN Red List of Threatened Species.

This solitary, elusive ungulate is endemic to forests of the Annamite Mountains of Laos and Vietnam. Due to the Saola's elusiveness, and to limited investment in its conservation, precise population estimates of any confidence are still not possible; the best we can say is that at most a couple of hundred survive in remote forests in its range.

#### THE SAOLA WORKING GROUP

The Saola Working Group is part of the Asian Wild Cattle Specialist Group of the IUCN Species Survival Commission (SSC). The SWG was formed in 2006 in recognition of the need for urgent, focused and coordinated action to save the Saola from extinction. We held our first in-person meeting in 2009.

At of the end of 2017, the SWG had thirty-five members. They are among the most experienced conservation biologists in Southeast Asia, and some of the world's most knowledgeable specialists in the captive breeding of hoofed mammals. The SWG's members belong to more than 20 institutions, and this deep collaboration is our cornerstone.



#### MEMBERS OF THE SAOLA WORKING GROUP

(alphabetical by surname)

Crispian Barlow WWF Greater Mekong Programme
Eric Bairrão-Ruivo ZooParc de Beauval
Andy Blue San Diego Safari Park
Anita Bousa Lao Wildlife Conservation Association
Dr. Cao Tien Trung Vinh University
Dr. Pierre Comizzoli

Smithsonian Conservation Biology Institute
Dr. Camille Coudrat Project Anoulak, Laos
Dr. Tom Gray WWF Greater Mekong Programme
Dr. Simon Hedges WCS Asia
Ieff Holland

Center for the Conservation of Tropical Ungulates
Terry Hornsey Africa Alive! / Banham Zoo
Le Trong Trai Viet Nature
Nick Lindsay

Whipsnade Zoo/Zoological Society of London
Dr. Barney Long Global Wildlife Conservation
Luong Viet Hung WWF Vietnam Programme
Nguyen Duc Tu IUCN Vietnam Programme

Dr. Nguyen Xuan Dang

Institute of Ecology and Biological Resources

Nguyen Minh University of Science
Dr. Hannah O'Kelly Independent researcher

Bouaphanh Phanthavong

Division of Forest Resources Management
Chanthasone Phommachanh Saola Working Group
Radoslaw Ratajszczak Wrocław Zoo

Dr. Ben Rawson WWF Vietnam Programme
Douglas Richardson

Royal Zoological Society of Scotland
Dr. Scott Roberton
William Robichaud

Royal Zoological Society of Scotland
WCS Vietnam Program
SWG Coordinator

Xaysompheng Sengkhamyong

Integrated Ecosystem and Wildlife Management
Ben Swanepoel WCS Lao Program
Dr. Pat Thomas Bronx Zoo WCS
Andrew Tilker

Leibniz Institute for Zoo and Wildlife Research
Rob Timmins Saola Working Group
Dr. Chanthavy Vongkhamheng

Lao Wildife Conservation Association
Outhai Vongsa Ministry of Agriculture and Forestry
Dr. Nicholas Wilkinson Cambridge University



## **OUR SUPPORTERS**



The SWG's supporters are essential for the success of our Saola conservation work. We are deeply grateful for their involvement and partnership in 2017.

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American Association of Zookeepers, Kansas City chapter

American Association of Zookeepers, Toronto Zoo chapter

Beauval Nature

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Center for the Conservation of Tropical Ungulates

Cheyenne Mountain Zoo

Critical Ecosystem Partnership Fund

Copenhagen Zoo

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Carla Wright

#### OTHER SUPPORTERS

**Nick Allez** designed and typeset this SWG Annual Report. If you are reading it now, it is in part due to him.

**Tuan Bendixen**, Vietnam Director for Animals Asia, continues to be a key advisor and ally for our work in Vietnam.

**Dietmar Bräutigam**, Chief Technical Advisor of the Integrated Conservation of Biodiversity and Forests (ICBF) project, was instrumental in arranging permission for SWG field surveys in central Laos, and for bringing ICBF into close partnership with the SWG.

**Jake Brunner**, Head of the IUCN Indo-Burma Group, is a key ally for the SWG's work in both of the Saola range countries.

**Dr. James Burton**, Chair of our home institution, the Asian Wild Cattle Specialist Group of the IUCN SSC, is a member of the SWG Steering Committee, and beyond this call contributed frequent input, ideas and dedicated support.

**Dr. Will Duckworth** serves as an advisor to the SWG's Steering Committee, with exceptional commitment to the cause, and uncommon discernment.

**Dr. Erin Flynn**, Mammal Curator at ABQ BioPark in Albuquerque, New Mexico (USA) and Coordinator of the Catching Hope Repurposed Poaching Snare Program, is an incredibly passionate advocate for Saola conservation and dedicated supporter and partner of the SWG.

Julia Hanuliakova, CEO of Zoo Design, Inc., generously volunteers her time and considerable talent as the chief architect for the Saola conservation breeding center at Bach Ma National Park, Vietnam.



Ann-Marie Holmes, Senior Wildlife Inspector, US Fish and Wildlife Service, finished her sixth year as the stellar volunteer manager of the SWG's "Saola Update" e-newsletter. Ann-Marie plays a substantial role in getting news of Saola conservation out to the world.

**Eric Losh**, also for a sixth consecutive year, contributed his brilliant artistic talents and his inspiration to produce another gorgeous SWG holiday card.

**Nguyen Manh Hiep**, of Vietnam's Ministry of Agriculture and Rural Development, has been indispensible in working with the SWG to move Saola conservation forward in Vietnam, particularly the conservation breeding program.

Phoutsakhone Ounchith, Country Representative, IUCN Lao Programme, has been a fantastically helpful, enthusiastic and valuable supporter of Saola conservation and the SWG in several important ways in Laos. We are indebted both to her and to IUCN.

Lindsay Renick-Mayer, Associate Director of Communications for Global Wildlife Conservation, took over management of SWG communications in 2017. Her Saola passion and professionalism have been valuable assets to the SWG, and to Saola conservation. Dr. Jack Tordoff, Managing Director of the Critical Ecosystem Partnership Fund (CEPF), has been an ally of the SWG almost since our inception. We are deeply grateful for his patient, unwavering support as the SWG implemented a major CEPF grant, navigating the terrrain of the Saola's range, whose landscape is oft-challenging both administratively and physically.

Finally, we are indebted to the SWG's financial and administrative host, Global Wildlife Conservation (GWC). Our thanks are due in particular to GWC's Chief Operating Officer, Alex Quintero, Comptroller Reagan Steppe, and Executive Assistant Kelsie Garretson.

#### **OUR APPROACH**

The Saola is one of the world's most endangered animals, and there are no Saolas in captivity as an insurance against extinction. While significant progress has been made in the past several years in reducing the threats to the Saola in the wild, there is still no place in the species' range where the Saola is sufficiently safe from poaching. The situation is now critical. Consequently, the SWG and our partners in the governments of Vietnam and Laos agree on the necessity, and urgency, of establishing a captive Saola population. Concurrently, parallel improvements in the protection of forests in the Saola's range are a high priority, for several reasons:



- Surviving wild Saolas must be protected until captures for the conservation breeding program can begin;
- The management and protection of priority areas need to be improved to provide safe havens for the future reintroductions of captive-bred or rescued Saolas;
- Protection of wild areas for the Saola also helps conserve other threatened species in the Annamite Mountains of Laos and Vietnam.

The SWG also increasingly focuses on pairing Saola conservation with the conservation of the Large-antlered Muntjac (*Muntiacus vuquangensis*), another IUCN Red List Critically Endangered species that is endemic to the Annamites and was discovered by science just a couple of years after the Saola. The conservation needs of the Large-antlered Muntjac (field research, *in situ* protection and conservation breeding) are similar to those of the Saola, and over much of the same range.

Such integration into one program of conservation breeding plus vigorous protection in the wild is known by the IUCN Species Survival Commission as the One Plan approach, and it is the approach adopted by the SWG for the Saola and the Large-antlered Muntjac. In support of this goal, the SWG works toward the One Plan approach through seven technical task teams:

- Saola Detection Research and Capture
- Protection in Nature
- Captive Management
- Mentoring
- Building Support for the One Plan in Laos and Vietnam
- Partnership Building
- Large-antlered Muntjac Conservation

The year 2017 was busy and productive across all teams, and their major activities, accomplishments and challenges are described in the sections that follow.

#### MAJOR ACTIVITIES IN 2017

#### Saola Detection Research and Capture

In 2017, this team focused on research to better understand Saola's distribution and status in the wild, and to lay technical groundwork for safe and effective captures of Saolas and Large-antlered Muntjacs.

#### First Intensive Surveys of Khoun Xe Nong Ma Provincial Protected Area, Laos

Intermittently from June to September 2017, SWG members Chanthasone Phommachanh ("Olay") and Rob Timmins conducted the first intensive biodiversity surveys in a little-explored forest block in Laos known as Khoun Xe Nong Ma (KXNM) Provincial Protected Area (see cover photo).



They were joined on the survey by staff of the government of Lao PDR's district and provincial forestry department offices.

The survey revealed a surprisingly intact habitat and higher than expected wildlife densities. Both Rob and Olay believe that KXNM could be one of the best areas left in the Annamites for Saola. Preliminary camera trapping has already documented a variety of rare and endangered species in the protected area, including the Large-antlered Muntjac. During the field survey, the team found a turtle that is listed as Critically Endangered on the IUCN Red List, the Bourret's Box Turtle (*Cuora bourreti*), a species that has been elsewhere decimated by the wildlife trade. And remarkably, from his jungle hammock Olay observed an Annamite Striped Rabbit (Nesolagus timminsi), a species that, like the Saola, only recently became known to science and is endemic to the moist evergreen forests of the Annamites (and as its scientific name suggests, this turtle was first described by Rob!)

This research was funded by the Critical Ecosystem Partnership Fund (CEPF), and was conducted in partnership with the Lao Wildlife Conservation Association and the Integrated Conservation of Biodiversity and Forests project.



Critically Endangered Bourret's Box Turtle, Khoun Xe Nong Ma Provincial Protected Area, Laos.

#### Surveys in and near Pu Mat National Park, Vietnam

In July and August 2017, SWG members Nicholas Wilkinson and Dr. Cao Tien Trung conducted interview surveys with two groups of local hunters in Pu Mat National Park, Nghe An province, Vietnam. The results are encouraging; they indicate that Saolas remain in the protected area, which has been under heavy poaching pressure for many years. The SWG is following up on these leads with targeted detection efforts. This work is generously supported by a grant from Beauval Nature.



#### Environmental DNA surveys

In September 2017, the SWG partnered with the organization VigiLIFE to explore the efficacy of detecting the Saola from DNA in Annamite water sources. Recent developments show that the DNA from terrestrial mammals can be detected in lakes and streams. The Saola detection team decided to test this approach in the Annamites. Sampling was conducted in two Saola priority areas: Khoung Xe Nou Ma (Laos) and the Hue and Quang Nam Saola Nature Reserves (Vietnam). The Vietnam fieldwork was conducted in collaboration with WWF. The goal of these preliminary surveys was to assess whether this method can be used in a more intensive way to detect the Saola and other rare Annamite species. Results from these surveys will be analyzed and summarized early in 2018.



SWG member Chanthasone Phommachanh sampling stream water for eDNA in Khoun Xe Nong Ma Provincial Protected Area, Laos.

#### Research strategy meeting

From September 25-27, 2017, ZooParc de Beauval in France generously hosted members of the SWG's Saola Detection Task Team for a strategy meeting. Several SWG members met there to strategize Saola detection surveys for 2017 and 2018. Food and accommodation were graciously provided by our ZooParc hosts and arranged by SWG member Eric Bairrão Ruivo, Beauval's Science and Conservation Director. The team spent two days brainstorming better strategies and methods for locating Saola.



Members of the SWG detection strategy team, at ZooParc de Beauval, France, October 2017; from left: Rob Timmins, Camille Coudrat, Hannah O'Kelly, Nicholas Wilkinson, Bill Robichaud, Eric Barrão Ruivo and Andrew Tilker.



#### Protection in Nature

# Expanded patrolling in Xe Sap National Protected Area, Laos

With generous funding support from Wildlife Reserves Singapore (WRS) and Global Wildlife Conservation (GWC), and working in close partnership with WWF-Laos, the SWG organized the addition of a new patrol team in what we believe is a key area for Saola, eastern Xe Sap National Protected Area in southern Laos. This new team of "forest guards" was recruited from local villages, and is closely supervised by an on-site manager, also funded by WRS and GWC.

#### Rapid Response in Khoun Xe Nong Ma Provincial Protected Area, Laos

Working in partnership with the project, Integrated Conservation of Biodiversity and Forests, the Lao government, and local communities, the SWG was instrumental in deploying the first-ever snare removal team into Khoun Xe Nong Ma Provincial Protected Area, in Khammoune Province, Laos. The SWG will continue to be engaged in field research and support to protect this significant area.

#### New management structure in Nakai-Nam Theun National Protected Area, Laos

For the past several years, the largest protected area in the Saola's range, Nakai-Nam Theun (NNT) has been inadequately managed, according to the assessments of a diversity of external monitors (including the SWG, based on the findings of a field study funded by the Critical Ecosystem Partnership Fund). This is despite the area having received substantial recurrent funding from the revenues of a nearby hydropower project (Nam Theun 2). In an attempt at resolution, in October 2017 the Lao government endorsed the establishment of a Nakai-Nam Theun Biodiversity Conservation Consortium. This new group is composed of four non-governmental organizations, two of which focus on conservation, and two on rural development. The consortium has a mandate to provide considerable input to management of NNT. We are pleased to report that two SWG members, Dr. Chanthavy Vongkhamheng (of the Laos-based Wildlife Conservation Association) and Dr. Camille Coudrat (of Project Anoulak) are closely involved in the consortium. They will be strong, longterm voices of advocacy for Saola conservation in NNT.

#### Catching Hope

The Catching Hope Re-purposed Poaching Snare Program was started in 2014, in partnership between the SWG and Henry Vilas Zoo (HVZ) in Madison, Wisconsin, under the enthusiastic leadership of HVZ's Director of Education at the time, Dr. Erin Flynn. The SWG sends to HVZ snares collected by community patrol teams in the Saola's range in Laos and Vietnam, and zoo volunteers fashion them into handicrafts. These are sold to the public, and the proceeds returned to the SWG for Saola conservation. In 2017, Erin took a job as Mammal Curator of ABQ BioPark in Albuquerque, New Mexico, but that only served to expand the Catching Hope program to New Mexico!



In 2017, the SWG connected the Catching Hope team with an enterprise in Laos known as CAMACrafts. Through CAMACrafts, Catching Hope commissioned Hmong women in villages near the Saola's range to produce handsewn and embroidered fabric squares, each with a Saola design. Catching Hope then incorporated the fabric squares into expanded product offerings — and in doing so supported the livelihoods of village women in the Saola's range.

Catching Hope has now gone international — its snare handicrafts can be purchased at Wroclaw Zoo in Poland. In the US, in addition to HVZ, Catching Hope products are available at Omaha's Henry Doorly Zoo, the Bronx Zoo, Zoo Boise, Zoo Atlanta, and the International Crane Foundation.

In the spring of 2017, Catching Hope participated in book reading events around Wisconsin in partnership with the SWG, Global Wildlife Conservation and author William DeBuys. This was an opportunity to raise both awareness and additional funds for Saola conservation.

As of the end of 2017, Catching Hope has donated almost \$12,000 to the SWG to support its Saola field conservation efforts. If you would like to support Saola conservation by purchasing a Catch Hope snare handicraft, please contact: catchinghopeforsaola@gmail.com.



Hmong village women in Laos with Saola embroidery they created for the Catching Hope campaign (photo courtesy of CAMACrafts).

#### Captive Management

The SWG and its partners have made significant progress at improving protection of Saola in the wild at several key sites in Vietnam and Laos. Since new models of patrolling were initiated at five sites in 2011, more than 150,000 wire snares have been removed by rangers recruited from local villages. The number of snares routinely encountered by patrol teams has dropped significantly, but the problem has not yet been eliminated at any site. Despite substantial progress, reduction of poaching pressure in the Saola's range has still not been lowered to a level where the Saola is anywhere secure. We are on the right track, but much more work remains to achieve sufficient reduction in poaching.

Consequently, in consultation and partnership with the governments of Vietnam and Laos, the SWG continues to work toward establishment of the world's first Saola



conservation breeding center. The center will also serve to establish a captive population of the critically endangered Large-Antlered Muntjac.

#### Progress in 2017 included:

- Vietnam's Bach Ma National Park was chosen as the site for construction of the center (we envision that eventually a second center will be established in Laos).
- A joint team of SWG members, staff from Vietnam's Ministry of Agriculture and Rural Development (MARD), staff of Bach Ma NP, and zoo designer Julia Hanuliakova of Zoo Design, Inc., spent three days exploring Bach Ma to identify the best site within the park for development of the center. All agreed that a forested site of 35 hectares not far from the park's entrance, which offers sufficient seclusion, but still has good road access and some infrastructure nearby, is the best option. The park authorities have graciously offered the site for development of the breeding center.
- A professional topographic survey of the site was completed; this will allow detailed planning of facilities.
  - Architectural drawings of the center were completed.
- Final draft of a Memorandum of Understanding between MARD and IUCN (on behalf of the SWG) or joint implementation of the program over the next 25 years was completed.
  - Recruitment of the Center Manager was initiated.

We remain hopeful that the center will be opened in 2018.



Joint SWG, MARD and Bach Ma National Park survey team at Bach Ma NP, February 2017.

#### Mentoring

The SWG continually works to support young Lao and Vietnamese conservation biologists in their academic and professional development. Following are some highlights from 2017 from our Mentoring program.



## Launch of a new "Women for Annamites Conservation Fund"

This past year, the Saola Working Group established a new fund to make grants available to Lao and Vietnamese women who contribute to conservation of the Annamite Mountains.

Recognizing that in Indochina 'forest work' (which includes field conservation) is traditionally considered suitable only for men, and therefore that encouragement and support of women in such work can tap a valuable resource, the SWG will provide funds to Vietnamese and Lao women who are involved in biodiversity conservation in the Annamite Mountains, with no restriction on age or education level. Maximum grant amounts will initially be US\$ 5000. The establishment of the fund was made possible by a generous donation from Dr. Lesley Dickie.

Members of the Selection Committee for grants include:

- Lesley Dickie (Durrell Wildlife Conservation)
- Nicholas Wilkinson (SWG; Mentoring Task Team leader for Vietnam)
- Camille Coudrat (Project Anoulak and SWG; Mentoring Task Team leader for Laos)
- Phoutsakhone Ounchith (IUCN Lao Program)
- Trang Nguyen (WildAct Vietnam)

Interested candidates can contact the fund's manager, Camille Coudrat, at <a href="mailto:camillecoudrat@gmail.com">camillecoudrat@gmail.com</a> to request a Grant Application Form. There will be two application windows each year, with these deadlines: May 31 and December 31.

## Support to Vietnamese researcher Nguyen Minh for training on deer capture

In December 2017, the SWG supported Vietnamese biologist and new SWG member Ms. Nguyen Minh to travel to the US to participate in captures of wild Mule Deer in Idaho, under a research program led by Dr. Mark Hebblewhite of the University of Montana. Minh plans to pursue a Ph.D. under the supervision of Professor Hebblewhite on the ecology of the Largeantlered Muntjac in the Annamite Mountains. Her study will involve capturing animals and placing radio collars on them, and the SWG will also capture Largeantlered Muntjacs for addition to the Bach Ma conservation breeding center. This has been an excellent opportunity for Minh to gain first-hand experience, under expert supervision, on the safe capture, collaring and release of wild deer. Although mid-winter in the Idaho mountains is perhaps not the easiest introduction for someone from Vietnam to the US (!), Minh did extremely well.



Nguyen Minh with friend, in Idaho, USA



## Participation in the Wildlife Conservation Network's "Wildlife Expo"

In October, SWG member Chanthasone Phommachanh (better known as "Olay") accepted an invitation from one of the SWG's long-time Saola conservation allies and supporters, the Wildlife Conservation Network (www.wildnet.org), to represent the SWG at WCN's annual "Wildlife Expo" event in San Francisco. This was Olay's first trip outside of Southeast Asia, and he participated in a week of WCN training workshops and donor events — and met Jane Goodall! Before returning home to Laos, he made a trip to Wisconsin, which included a personal tour of the International Crane Foundation with ICF's co-founder, Dr. George Archibald.



Olay with new friend, San Francisco, October 2017.

#### Other news

#### Zoo campaign

To support our Saola conservation work, in particular the breeding program, the SWG initiated a major fundraising campaign in September 2017. The campaign will continue until July 31, 2018, and its goal is to increase the support and involvement of zoos of the world in the partnership to save Saola. Zoos have been tremendously important allies in Saola conservation to date — this is remarkable, given that no zoo in the world holds a Saola. Their continued and now increased support is vital.

The campaign has been helped substantially by access to \$250,000 in matching funds from the Sangreal Foundation, a match made possible by the SWG's administrative host, Global Wildlife Conservation.

#### Recruitment

As the SWG continues to grow, we filled two new paid positions, one in Vietnam and one in Laos.

In 2017, with funding from Wildlife Reserves Singapore, in Vietnam we contracted Dr. Le Khac Quyet half time, to help us mainly with government liaison. Quyet's first passion is primates, and he did his Ph.D. on an endangered Vietnamese primate through the University of Colorado. He has been instrumental in helping us to finalize the agreement for the conservation breeding program with the government of Vietnam.



In Laos, we hired full-time Chanthasone Phommachanh ("Olay"), to manage all of our Laos field projects. Like Quyet, Olay is an emerging conservation leader in his country.

#### Fifth meeting of the SWG

In February and March, in Hué, Vietnam, the Saola Working Group gathered for our Fifth Biennial Meeting. We usually meet in the autumn, but we fast-tracked the meeting this year because so much is currently on the move for Saola conservation.

We are indebted to the prompt and generous support of our host for the meeting, the WWF Vietnam Programme, and in particular to Ms. Le Thi Thu, Dr. Van Ngoc Thinh, and the staff of WWF's Hué office, and our meeting's funders: the Copenhagen Zoo, the Center for the Conservation of Tropical Ungulates, and Fossil Rim Wildlife Center.



The SWG and partners meet in Hué, Vietnam.

Back row, left to right: Ben Swanepoel, Pat Thomas, Jeff Holland, Cao Tien Trung, Ben Rawson, Barney Long, Julia Hanuliakova, Bill Robichaud, Simon Hedges, Terry Hornsey, Douglas Richardson, Eric Bairrão Ruivo, Crispian Barlow.

Front row, left to right: Nguyen An, Le Khac Quyet, Hannah O'Kelly, Tom Gray, Rob Timmins, Outhai Vongsa, Camille Coudrat, Radoslaw Ratajszczak, Nguyen Duc Tu, Sonja Luz, Andrew Tilker, Nicholas Wilkinson.



## Appendix

## Saola Working Group Financial Report January – December 2017

Ordinary income	
Individual donations Institutional	9,244.21
Restricted grants	43,795.00
Total income	330,228.17
Ordinary expenses	
Contracted services	139,114.33
Facilities and equipment	16,302.89
Operations	8,126.33
Payroll expenses	58,668.67
Travel and meetings	42,169.10
Subgrants	56,843.50
Total expenses	321,224.82
Net income	9,003.35