

## Review

### Bats as bushmeat: a global review

Simon Mickleburgh, Kerry Waylen and Paul Racey

**Appendix 1** Questionnaire used to gather information on the use of bats as bushmeat. This was also translated into French for use in francophone countries.

Thank you for helping with our survey. Please answer as many questions as possible, providing as much detail as you can, and add any comments you wish.

#### Scope of your knowledge

Geographical area(s):	
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#### Local culture

Have bats traditionally been eaten?	
Have bats traditionally been hunted?	
Have bats traditionally been traded?	
Are bats currently eaten?	
Are bats currently hunted?	
Are bats currently traded?	
If bats are eaten, are they a regular component of the diet or are they only eaten on special occasions?	
How does the consumption of bat bushmeat compare to other bushmeats?	
Do you know which bat species are hunted, eaten or traded?	

#### Hunting

How are bats hunted?	
What is the frequency and/or scale of this hunting?	
Is there selective hunting for any species?	
Is there selective hunting at certain roosts?	

#### Trade

Is bat bushmeat traded locally?	
Is bat bushmeat traded regionally?	
Is bat bushmeat traded internationally?	
How does the scale of this trade compare to the scale of local consumption?	
Is the bat bushmeat trade important to the local economy?	

#### Impacts and threats

Is there any indication that hunting has adversely impacted bat populations or particular species?	
What kind of evidence supports this? (e.g. anecdotal, theoretical, research)	
Do you know of other threats to these bats? (e.g. habitat loss, roost disturbance, etc.)	

How importantly would these threats rate, in comparison to hunting for bushmeat?	
Are these threats recognized by local people?	
Are these threats recognized by government?	
Are there any regulations in place to control hunting?	

**Data sources**

Are you aware of any other sources of relevant information?	
Publications	
Other documentation	
Websites	
Are there any other people or organizations who may be able to help? (Please give full contact details)	

**Have you any other comments?**

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Thank you!

## Appendix 2 Questionnaire respondents and their geographical areas of expertise.

Name & country of residence	Area of expertise
<b>Individuals &amp; organizations who completed questionnaires</b>	
Gary Ades, Hong Kong	China (South), Hong Kong
Ludmilla M. de S. Aguiar, Brazil	Brazil
İrfan Albayrak, Turkey	Turkey
Bandana Aul, India	India (Andaman & Nicobar Islands)
Luis G. Baptiste, Colombia	Colombia (Amazonia, Orinoquia & Andean regions)
Andriy-Taras Bashta, Ukraine	Belarus, Moldova, Russia (European part), Ukraine
Paul Bates, UK	Ethiopia, India, Lao PDR, Myanmar, Sri Lanka
Binhi sang Kauswagan Foundation, Philippines	Philippines (Negros)
Bill Bleisch, China	China (south-west)
John J. Borg, Malta	Malta, Central Mediterranean
Alex Borissenko, Canada	Cambodia, Vietnam
Fabrice Brescia, New Caledonia	New Caledonia
Apolinario B. Cariño, Philippines	Philippines (Bohol, Mindanao, Negros, Sierra Madre, Zambales)
Bryan Carroll, UK	Comoros Islands, Mauritius, Reunion, Rodrigues
Peter Craig, American Samoa	American Samoa
Eberhard Curio, Germany	Philippines (Boracay, Panay)
Richard Cuthbert, UK	Papua New Guinea
Gautam Das, India	India, Nepal
Aparajita Datta, India	India (north-east)
Geoffrey Davison, Malaysia	Malaysia
Bruno A. Djossa, Benin	Benin
Cynthia N. Dolino, Philippines	Philippines (Negros)
Njikoha Ebigbo, Germany	West Africa
Mathias Motutu Elinge, Cameroon	Cameroon
Jakob Fahr, Germany	West Africa
Samuel Fopa, Cameroon	Cameroon
Neil M. Furey, Ireland	Vietnam (North)
Liza Gadsby, Nigeria	Cameroon (west), Nigeria (south-east)
Jiri Gaisler, Czech Republic	Algeria
Justin Gerlach, UK	Seychelles
Ngandjui Germain, Cameroon	Cameroon
Anne-Claire Goarant, New Caledonia	New Caledonia
Steven Goodman, Madagascar	Madagascar
Sanjay Gubbi, India	India (south)
Troy Hansel, Lao PDR	Lao PDR
Creusa Hitipeuw, Indonesia	Indonesia (Maluku, Papua)
Reg Hoyt, USA	Guyana, Liberia, Tanzania (Pemba)
Nina Ingle, Philippines	Philippines
Teodora Ivanova, Bulgaria	Bulgaria, Balkans, Europe
Deirdre Jafferally, Guyana	Guyana
Richard Jenkins, Madagascar	Madagascar
Zhou Jiang, China	China
Zhang Jinshuo, China	China

## Appendix 2 (Continued)

Tolibjon K. Khabilov, Tajikistan	Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan
Tigga Kingston, USA	Malaysia
Sally Lahm, Gabon	Gabon, Central Africa
Kim Lengel, USA	Rodrigues
Herman Limpens, The Netherlands	The Netherlands, Europe
Celia López-González, Mexico	Mexico (Central & North)
Debbie Martyr, Indonesia	Indonesia (Java, Sumatra)
Vitaliy A. Matveev, Russia	Indo-China (particularly Cambodia), Madagascar, Former USSR
Tammy Mildenstein, USA	Philippines (Bohol, Boracay, Leyte, Luzon, Mindanao, Mindoro, Negros, Palawan, Panay, Samar Islands, Sibuyan)
Bruce W. Miller, Belize	Belize, Central America
Nguyen Cong Minh, Vietnam	Vietnam
Mariana Muñoz Romo, Venezuela	North, Central & South America
Jafet M. Nassar, Venezuela	Venezuela
Pradeep Kumar Nath, India	India
Kevin J. Olival, USA	Malaysia
Lisa Marie J. Paguntalan, Philippines	Philippines (Cebu, Negros, Siquijor)
Jorge M. Palmeirim, Portugal	Fiji
Nikkita Patel, USA	Bangladesh, India, Malaysia
Amir Poudel, Nepal	Nepal
Vicki Powell, UK	Mauritius, Rodrigues
H.H.T. Prins, The Netherlands	Indonesia (Sumatra), Tanzania
Paul A. Racey, UK	Madagascar
Paola Reason, UK	Comoros Islands
Adrian Reuter, Mexico	Mexico
Mohammad Ali Reza Khan, United Arab Emirates	Bangladesh, United Arab Emirates
Neil Ringdahl, South Africa	South Africa
Kathryn M. Rodríguez-Clark, Venezuela	Comoros Islands
Rodolph Schlaepfer, Brazil & UK	Brazil (Amazon, Bahia, Sao Paulo)
Eleonore Zулnara Freire Setz, Brazil	Brazil
Chris Shepherd, Malaysia	South-East Asia
Shuyi Zhang, China	China
Anthony Simms, Cambodia	Australia (Northern Territory)
Juan de Souza, Argentina	Argentina (Buenos Aires, Entre Rios)
Sam Stier, USA	Philippines (Zambales)
Dufour Sylvain, France	Republic of Guinea
Jo Thompson, USA	Democratic Republic of Congo (Kasai Occidental)
Vu Dinh Thong, Vietnam	Vietnam
Suzanne Tom, UK	Trinidad & Tobago
Will Trehwella, UK	Comoros Islands
Craig Turner, UK	Philippines (Visayas)
Ruth C.B. Utzurrum, American Samoa	American Samoa
Dean Waters, UK	Comoros Islands
Dick Watling, Fiji	Fiji

**Appendix 2 (Continued)**

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Paul W. Webala, Kenya	Kenya, Tanzania, Uganda
Peter Widmann, Philippines	Philippines (Palawan)
Debra Wright, Papua New Guinea	Papua New Guinea
A. Zubaid, Malaysia	Malaysia

**Did not complete questionnaires but provided additional information**

Wim Bergmans, The Netherlands
David Brown, UK
Nicky Blunt, UK
Brian Child, Zambia
Roland Eve, Lao PDR
Saliem Fakir, South Africa
Guy-Crispin Gembu Tungaluna, Democratic Republic of Congo
Brahim Haddane, North Africa
Ben Hayes, UK
Clifford Kandunga, Zambia
Anne Kent, USA
Rita Lysinge, Cameroon
Ian Mackie, UK
Jim Moore, USA
Brendan Moyle, New Zealand
Stuart Parsons, New Zealand
Richard Ruggiero, USA
Tony Rose, USA
Jenny Sharman, UK
Atilla Steiner, Hungary
Merlin Tuttle, USA
David Wade, Canada
Don Wilson, USA

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