

**Supplementary information on the taxonomy of the Eurasian species
of the genus *Ovis* (Sheep and relatives)**

Prepared by the Nomenclature Specialist of the CITES Animals Committee

With the adoption at CoP17 of Wilson & Reeder (2005) as Nomenclatural Standard Reference for the genus *Ovis*, effective 2 January 2017 the Appendices contain the following taxa of the genus *Ovis*.

Appendix I	Appendix II	Not included in CITES
	<i>Ovis ammon</i> (Except the subspecies included in Appendix I)	
<i>Ovis ammon hodgsonii</i>		
<i>Ovis ammon nigrimontana</i>		
	<i>Ovis aries</i> (Except the subspecies included in Appendix I and those subspecies excluded from the Appendices or Convention)	
		<i>Ovis aries aries</i> [Domestic sheep: not subject to the provisions of the Convention] <i>Ovis aries isphahanica</i>, <i>Ovis aries laristanica</i>, <i>Ovis aries musimon</i> and <i>Ovis aries orientalis</i>
<i>Ovis aries ophion</i>		
<i>Ovis aries vignei</i>		
	<i>Ovis canadensis</i> (Only the population of Mexico; no other population is included in the Appendices)	

Summary of taxonomy and distribution of the *Ovis* taxa as defined by Wilson & Reeder (2005), alongside taxonomy used and distribution given by the Handbook of Mammals Vol. 2 (Valdez and Weinberg, in Wilson & Mittermeier, Eds., 2011); Wilson & Reeder (2005) did not provide distribution data by subspecies. CITES Appendix listing follows the name; taxa not included in the CITES Appendices are listed as '[N]'.

Valid recognized species and subspecies under CITES (Wilson & Reeder, 2005):	Valid species and subspecies in Handbook of Mammals Vol. 2 (Valdez & Weinberg, in Wilson & Mittermeier (eds.) 2011);
<i>Ovis ammon</i> - Argali Sheep [I or II, depending on subspecies] Distribution: Afghanistan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan	
<i>Ovis ammon ammon</i> [II]	<i>Ovis ammon</i> [no subspecies; China, Kazakhstan, Mongolia, Russia]
<i>Ovis ammon collium</i> [II]	<i>Ovis collium</i> [China, Kazakhstan]
<i>Ovis ammon comosa</i> [II]	<i>Ovis jubata</i> [China]
<i>Ovis ammon darwini</i> [II]	<i>Ovis darwini</i> [China, Mongolia]
<i>Ovis ammon hodgsonii</i> [I]	<i>Ovis hodgsoni</i> [China, India, Nepal]
<i>Ovis ammon karelini</i> [II]	<i>Ovis karelini</i> [China, Kazakhstan, Kyrgyzstan, Uzbekistan]
<i>Ovis ammon nigrimontana</i> [I]	<i>Ovis nigrimontana</i> [Kazakhstan]
<i>Ovis ammon polii</i> [II]	<i>Ovis polii</i> [Afghanistan, China, Kyrgyzstan, Pakistan, Tajikistan]
<i>Ovis ammon severtzovi</i> [II]	<i>Ovis severtzovi</i> [Uzbekistan, possibly Kyrgyzstan, Tajikistan]
<i>Ovis aries</i> – Red Sheep, Mouflon, domestic Sheep [I, II, or not included in the Appendices, depending on subspecies] Distribution: Afghanistan, Armenia, Azerbaijan, India, Iran, Iraq, Kazakhstan, Oman, Pakistan, Tajikistan, Turkey, Turkmenistan, Uzbekistan; introduced populations of Mouflon and feral populations of domestic sheep nearly worldwide.	
<i>Ovis aries aries</i> – domestic sheep [N]	
<i>Ovis aries arkal</i> [II]	<i>Ovis cycloceros arkal</i> [Iran, Kazakhstan, Turkmenistan]
<i>Ovis aries cycloceros</i> [II]	<i>Ovis cycloceros cycloceros</i> [Afghanistan, Pakistan] + <i>Ovis arabica</i> [Oman] + <i>Ovis bochariensis</i> [Afghanistan, Tajikistan, Turkmenistan, Uzbekistan] <i>Ovis punjabiensis</i> [Pakistan]
<i>Ovis aries isphahanica</i> [N]	<i>Ovis isphahanica</i> [Iran]
<i>Ovis aries laristanica</i> [N]	<i>Ovis laristanica</i> [Iran]
<i>Ovis aries musimon</i> [N]	not mentioned
<i>Ovis aries ophion</i> [I]	not mentioned
<i>Ovis aries orientalis</i> [N]	<i>Ovis gmelini</i> [Armenia, Azerbaijan, Iran, Iraq, Israel, Turkey; feral Mouflon widely introduced]
<i>Ovis aries vignei</i> [I]	<i>Ovis vignei</i> [India, Pakistan]
<i>Ovis canadensis</i> – Bighorn sheep [II- Population of Mexico only]. Distribution: Canada, Mexico, United States of America	<i>Ovis canadensis</i> [Canada, Mexico, United States of America]

References:

- VALDEZ, R. & WEINBERG, P.J. (2011) Species accounts 188-207 for *Ovis* spp., pp. 727-739 in WILSON, D.E., & MITTERMEIER, R.A. (eds.), Handbook of the Mammals of the World. Vol.2. Hoofed Mammals. Lynx Edicions, Barcelona. ISBN 978-84-96553-77-4.
- WILSON, D. E. & REEDER, D. M. (eds.) (2005): Mammal Species of the World. A Taxonomic and Geographic Reference. Third edition, Vol. 1-2, xxxv + 2142 pp. Baltimore (John Hopkins University Press). ISBN 0-8018-8221-4.