

ROWLAND WARD

FOUNDED 1870



Europe, Asia and South Pacific	Minimum	Minimum	Record	Record	Method
Minimums for 31st edn.	Inches/points	Cent.	US Standard	Metric	2025-12
ANTELOPES	Min inch	Min cm	Record inch	Record cm	
Arabian or White Oryx	15	38.0	27 2/8	69.0	Method 7-a
Blackbuck or Indian Antelope	24	61.0	33 6/8	85.5	Method 7-a
Four-horned Antelope or Chousingha	2 4/8	6.5	4 6/8	12.0	Method 7-a
Nilgai	7 4/8	19.0	9 4/8	24.0	Method 7-a
Saiga	11 4/8	29.0	16 2/8	41.5	Method 7-a
Tibetan Antelope or Chiru	23	58.5	27 6/8	70.5	Method 7-a
Gazelles					
Central Asian	Min inch	Min cm	Record inch	Record cm	
Mongolian Gazelle or Dzeren	10	25.5	14 1/8	36.0	Method 7-a
Tibetan Gazelle or Goa	11 4/8	29.0	14 1/8	36.0	Method 7-a
Przewalski's Gazelle	9	23.0	12 4/8	32.0	Method 7-a
Goitered					
Arabian Goitered or Sand Gazelle	11	28.0	13 2/8	33.5	Method 7-a
Hillier's or Mongolian Goitered Gazelle	12	30.5	16 1/8	41.0	Method 7-a
Persian Goitered Gazelle	14	35.5	18 1/8	46.0	Method 7-a
Yarkand Goitered Gazelle or Saikik	12	30.5	17 2/8	44.0	Method 7-a
Middle East & Indian Subcontinent					
Dorcas Gazelle (listed in Africa)	9 4/8	24.0	15	38.0	Method 7-a
Indian Gazelle or Chinkara	10	25.5	15 5/8	39.5	Method 7-a
Kennion's or Jebeer Gazelle	10	25.5	14 4/8	37.0	Method 7-a
Mountain Gazelle	8	20.5	15	38.0	Method 7-a
Queen of Sheba Gazelle	7	18.0	8 6/8	22.0	Method 7-a
BEARS					
Brown bears					
European Brown Bear	22	56.0	27 5/16	69.5	Method 18
Kamchatka Brown Bear	23 8/16	59.5	29	73.5	Method 18
Siberian or Asian Brown Bear	21	53.5	26 6/16	67.0	Method 18
South Asian Brown Bear	20	51.0	24 6/16	62.0	Method 18
Non-Brown Bears					
Asian or Himalayan Black Bear	18	45.5	21 1/16	53.5	Method 18
Giant Panda	19	48.5	21 10/16	55.0	Method 18
Polar Bear (Listed in Americas)	26	66.0	29 15/16	76.0	Method 18
Sloth Bear	18 8/16	47.0	22 6/16	57.0	Method 18
Sun Bear	14	35.5	19 4/16	49.0	Method 18
CATS					
Asian Lion	21	53 4/8	22 6/16	57.0	Method 18
Eurasian Lynx	9 8/16	24	11 5/16	28.5	Method 18
Leopards					
Asian Leopard	15	38.0	20	50.8	Method 18
Clouded Leopard	9	23.0	No Entries	No Entries	Method 18
Snow Leopard	11	28.0	13 4/8	34.3	Method 18
Tigers					
Bengal Tiger (body)	9 feet	2m 74cm	11 feet 5 4/8 inch	3.49 meter	Historical only
Bengal Tiger (skull)	19	48.5	27 6/8	70.5	Method 18
Indochinese Tiger	21	53.5	27	68.6	Method 18
Siberian or Amur Tiger	22	56.0	24 3/8	61.9	Method 18
South Chinese Tiger	19	48.5	No Entries	No Entries	Method 18
Sumatran Tiger	19	48.5	No Entries	No Entries	Method 18

CROCODILES					
Gharial or fish eating crocodile	9 feet	2m 74cm	No Entries	No Entries	Method 19
Marsh Crocodile or Mugger	10 feet	3m 5cm	11 feet 4 inch	3.45 meter	Method 19
Saltwater Crocodile	10 feet	3m 5cm	10 feet 8 inch	3.25meter	Method 19
DEER					
Axis Deer					
Axis, Chital or Indian Spotted Deer	130	330.0			Method 1-f
Caribou or Reindeer					
Eurasian Reindeer	220	559.0			Method 2
Chevrotain					
Indian Chevrotain or mouse deer	6	15.0			Method 18
Eld's Deer					
Burmese Eld's Deer or Thamin	140	355.5			Method 1-h
Eld's or Manipur Brow-Antlered Deer	140	355.5			Method 1-h
Thai Eld's Deer	140	355.5			Method 1-h
Fallow Deer	Min inch	Min cm	Record inch	Record cm	
European Fallow Deer	140	NA			Method 3
European Fallow Deer	200 CIC	200 CIC			CIC fallow deer
Persian or Mesopotamian Fallow Deer	95	NA	117 3/8	298.0	Method 3
Hog, Bawean, and Calamian Deer					
Bawean Hog or Kuhl's Deer	50	127.0			Method 1-f
Calamian Hog Deer	40	101.5			Method 1-f
Hog Deer	65	165.0			Method 1-f
Moose & Irish Elk	Min inch	Min cm	Record inch	Record cm	
Amur Moose (Cervine)	130	330.0			Method 4b
Amur Moose (Palmated)	120	305.0			Method 4a
Chukotka or Siberian Moose	200	508.0	283 4/8	720.0	Method 4a
European Moose (Cervine)	120	305.0			Method 4b
European Moose (Palmated)	110	279.5	152 1/8	386.5	Method 4a
Irish Elk or Giant Deer	No Min	No Min			Method 4a
Muntjac & Tufted deer	Min inch	Min cm	Record inch	Record cm	
Black or Hairy Fronted Muntjac	10	25.5			Method 1-j
Borneo Yellow Muntjac	10	25.5			Method 1-j
Indian or Red Muntjac	17	43.0	35 9/16	90.5	Method 1-j
Reeves's or Chinese Muntjac	14	35.5			Method 1-j
Tufted Deer	10	25.5			Method 6
Musk Deer					
Alpine Musk Deer	2	5.0			Method 6
Siberian or Taiga Musk Deer	3	7.5			Method 6
Pére David's Deer					
Pére David's Deer or Milu	225	571.5	179 2/8	455.5	Method 1-i
Red Deer & Maral					
Maral	Min inch	Min cm	Record inch	Record cm	
Alshansk or Alashan Maral	150	381.0			Method 1-a
Izubr or Manchurian Maral	175	444.5			Method 1-a
Siberian or Altai Maral	300	762.0	356 4/8	905.5	Method 1-a
Tian Shan Maral	330	838.0	464 5/8	1180.0	Method 1-a
Red Deer (Asia)	Min inch	Min cm	Record inch	Record cm	
Bukhara or Bactrian Red Deer	225	571.5			Method 1-b
Eastern or Persian Red Deer	270	686.0	373 2/8	948.0	Method 1-b
Kashmir Red Deer or Hangul	200	508.0			Method 1-b
MacNeill's Red Deer	185	470.0			Method 1-b
Shou or Wallich's Red Deer	285	724.0			Method 1-b
Yarkand Red Deer	285	724.0			Method 1-b
Red Deer (Europe)					
Central European Red Deer	280	711.0			Method 1-b
Central European Red Deer	225 CIC	225 CIC			CIC red deer
Norwegian Red Deer	180	457.0			Method 1-b
Scottish Red Deer	165	419.0			Method 1-b

Scottish Red Deer (Prehistoric)	165	419.0			Method 1-b
Spanish Red Deer	260	660.5			Method 1-b
Swedish Red Deer	275	698.5			Method 1-b
Roe Deer	Min inch	Min cm	Record inch	Record cm	
European Roe Deer	46	112.0	84 1/16	213.5	Method 1-g
European Roe Deer	140 CIC	140 CIC	NA	NA	CIC Eup roe deer
European Roe Deer (black/melanistic)	40	101.5			Method 1-g
European Roe Deer (NT)	48	122.0	66 13/16	169.5	Method 1-g
Manchurian or Chinese Roe Deer	44	112.0			Method 1-f
Manchurian or Chinese Roe Deer (NT)	48	122.0			Method 1-f
Siberian Roe Deer	62	157.5	75 3/8	191.5	Method 1-f
Siberian Roe Deer (NT)	66	167.5	87	221.0	Method 1-f
Tian Shan Roe Deer	60	152.5			Method 1-f
Tian Shan Roe Deer (NT)	64	162.5			Method 1-f
Rusa Deer					
Rusa Deer	120	305.0			Method 1-f
Sambar					
Ceylonese (Sri Lanka) Sambar	120	305.0			Method 1-f
Formosan Sambar	100	254.0			Method 1-f
Indian Sambar	170	432.0			Method 1-f
Indochinese Sambar	120	305.0			Method 1-f
Philippine Sambar or Brown Deer	No Min	No Min			Method 1-f
South China Sambar	120	305.0			Method 1-f
Schomburgk's Deer	Min inch	Min cm	Record inch	Record cm	
Schomburgk's Deer	No Min	No Min	279 5/8	710.0	Method 1-h
Sika	Min inch	Min cm	Record inch	Record cm	
Chinese Sika Deer	100	254.0			Method 1-f
Japanese Sika Deer	100	254.0			Method 1-f
Manchurian or Dybowski's Sika Deer	140	355.5			Method 1-f
Northern Japanese Sika Deer	130	330.0	128 2/8	326.0	Method 1-f
Swamp Deer					
Barasingha or Swamp Deer	110	279.5			Method 1-h
Visayan Spotted Deer					
Visayan Spotted Deer	No Min	No Min			Method 1-f
White-lipped or Thorold's Deer					
White-lipped Deer	160	406.5			Method 1-h
ELEPHANTS	Pounds	Kilos	Pounds	Kilos	
Asian Elephant	50	22.5	161	73.0	Method 17
Mammoth/Mastodon	120	305.0	201	91.0	Method 17
GOAT & SHEEP					
Wild Goat					
Bezoar and related					
Bezoar or Pasang	40	101.5	59 4/8	151.0	Method 7-b
Chiltan wild goat	24	61.0	40	101.5	Method 7-b
Kri Kri or European Bezoar	30	76.0	38 2/8	97.0	Method 7-b
Sindh wild goat	38	96.5	52 3/8	133.0	Method 7-b
Chamois					
Alpine Chamois	9 4/8	24.0	12 7/8	32.5	Method 7-b
Carpathian Chamois	9 6/8	25.0	13 3/8	34.0	Method 7-b
Eastern Chamois or Caucasian Chamois	8	20.5	10	25.5	Method 7-b
Western Chamois	7 4/8	19.0	10 5/8	27.0	Method 7-b
Ibex (Tur)	Min inch	Min cm	Record inch	Record cm	
Alpine Ibex	33	84.0	44 6/8	113.5	Method 7-b
Altai or Siberian Ibex	40	101.5	54 4/8	138.5	Method 7-b
Dagestan or East Caucasian Tur	30	76.0	46	117.0	Method 7-c
Gobi Ibex	38	96.5	48 3/8	123.0	Method 7-b
Himalayan Ibex	37 4/8	95.5	55	139.5	Method 7-b
Kuban or Western Tur or Caucasian Ibex	28	71.0	42 7/8	109.0	Method 7-b
Nubian, Sinai or Arabian Ibex (listed in Africa)	35	89.0	35	89.0	Method 7-b

Tian Shan Ibex	42	106.5	62 4/8	159.0	Method 7-b
Goral					
Gray Long-tailed Goral	5	12.5	7 4/8	19.0	Method 7-b
Himalayan Goral	6	15.0	9 1/8	23.0	Method 7-b
Northern Long-tailed Goral	4	10.0	6 1/8	15.5	Method 7-b
Markhor	Min inch	Min cm	Record inch	Record cm	
Astor or Flare-horned Markhor	38	96.5	60 3/4	154.5	Method 15
Bukharan Markhor	35	89.0	55 3/4	141.5	Method 15
Kabul Markhor	32	81.5	43 3/8	110.0	Method 15
Kashmir or Pin Panjal Markhor	36	91.5	65	165.0	Method 15
Suleiman Markhor	27	68.5	48 3/4	124.0	Method 15
Serow					
Himalayan Serow	7	18.0	12 7/8	32.5	Method 7-b
Indochinese Serow	6	15.0	9 5/8	24.5	Method 7-b
Japanese Serow	4 6/8	12.0	6 5/8	17.0	Method 7-b
Southwest Chinese Serow	6	15.0	11 1/8	28.5	Method 7-b
Sumatran Serow	6	15.0	9	23.0	Method 7-b
Spanish Ibex					
Gredos Ibex	28	71.0	36	91.5	Method 7-b
Southeastern Ibex	27	68.5	35 3/8	90.0	Method 7-b
Tahr					
Arabian Tahr	11	28.0	12 2/8	31.0	Method 7-b
Himalayan Tahr	12	30.5	16 6/8	42.5	Method 7-b
Nilgiri Tahr	11	28.0	17 4/8	44.5	Method 7-b
Wild sheep					
Argali	Min inch	Min cm	Record inch	Record cm	
Altai Argali	225	571.5	281	713.5	Method 14
Gobi or Darwin's Argali	185	470.0	223 3/8	567.5	Method 14
Kara Tau or Bukharan Argali	140	355.5			Method 14
Karaganda Argali	180	457.0			Method 14
Littledale' s Argali	180	457.0	193 4/8	491.5	Method 14
Marco Polo or Pamir Argali	200	508.0	243 4/8	618.5	Method 14
Sair Argali	180	457.0	210 5/8	535.0	Method 14
Severtzov' s Argali	122	310.0	161 5/8	410.5	Method 14
Tian Shan or Karelin's Argali	180	457.0	188	477.5	Method 14
Tibetan Argali or Nyan	170	432.0	205 7/8	523.0	Method 14
Blue Sheep (Pseudo Sheep)					
Chinese Blue Sheep	20	51.0			Method 7-c
Himalayan Blue Sheep or Bharal	23 4/8	59.5			Method 7-c
Schafer's or Pygmy Blue Sheep	14	35.5			Method 7-c
Mouflon & Urial					
Afghan Urial	118	299.5			Method 14
Alborz Red Sheep	115	292.0			Method 14
Anatolian or Konya Mouflon	118	299.5			Method 14
Armenian Mouflon	117	297.0			Method 14
Blanford's Urial or Gadh	114	289.5			Method 14
Cyprus Mouflon	90	228.5			Method 14
Esfahan Mouflon	112	284.5			Method 14
European Mouflon	125	317.5			Method 14
Kerman Sheep	114	289.5			Method 14
Ladakh Urial or Shapu	110	279.5			Method 14
Laristan Mouflon	105	266.5			Method 14
Punjab or Salt Range Urial	110	279.5			Method 14
Shiraz mouflon	117	297.0			Method 14
Transcaspian Urial	138	350.5			Method 14
Snow sheep					
Kamchatka Snow Sheep	158	401.5			Method 14
Putorana Snow Sheep	148	376.0			Method 14
Siberian Snow Sheep	150	381.0			Method 14

PIGS					
Asian Wild Boar	9	23.0	12 8/16	32.0	Method 5
Babirusa	8	20.5	17	43.0	Method 5
Bearded Wild Boar	7	18.0	11	28.0	Method 5
European wild boar	9	23.0	13 6/16	34.0	Method 5
Indian wild boar	7	18.0	12 8/16	32.0	Method 5
Indonesian wild boar or Banded pig	7	18.0	7	18.0	Method 5
Pygmy Hog	4	10.0	No Entries	No Entries	Method 5
Warty pig	6	15.0	8 12/16	22.0	Method 5
RHINOS					
Indian or Greater One-Horned Rhinoceros	11	28.0	24	61.0	Method 16
Javan or Lesser One-horned Rhinoceros	7	18.0	10 6/8	27.5	Method 16
Sumatran Rhinoceros	10	25.5	32 1/8	81.5	Method 16
WALRUS					
Atlantic Walrus (Listed in Americas)	22	56.0	37 2/8	94.6	Method 6
Pacific Walrus (Listed in Americas)	27	68.5	36 5/8	93.0	Method 6
WILD CATTLE, MUSKOX, & TAKIN					
Anoa, Lowland	30	76.0			Method 10
Anoa, Mountain	22	56.0			Method 10
Banteng	100	254.0			Method 10
Gaur, Indian	110	279.5			Method 10
Gaur, Indochinese	105	266.5			Method 10
Gaur, Malayan	100	254.0			Method 10
Gayal (Ghayal)	70	178.0			Method 10
Kouprey	100	254.0			Method 10
Muskox (Listed in Americas)	60	152.5			Method 11
Saola	No Min	No Min			Method 7
Tamarau or Mindoro Dwarf Buffalo	60	152.5			Method 10
Water Buffalo	150	381.0	263	668.0	Method 10
Wisent or European Bison	75	190.5			Method 10
Yak	110	279.5			Method 10
Takin					
Bhutan Takin	30	76.0			Method 10
Golden Takin	38	96.5			Method 10
Sichuan Takin	38	96.5			Method 10
WOLF, WOLVERINE, & HYENA					
Wolf	15	38.0	18 7/16	47.0	Method 18
Wolverine	10	25.5	10 5/8	27.0	Method 18
Striped Hyena	14	35.5	No Entries	No Entries	Method 18
Introduced Game Asia & Europe	Min inch	Min cm			
Deer					
Chinese Water Deer	3 4/16	8.5	5 5/8	14.5	Method 6
Père David's Deer	225	571.5			Method 1-i
Reeves's or Chinese Muntjac	14	35.5			Method 1-j
Sika Deer (British Isles)	105	266.5			Method 1-f
Sika Deer (EU and Russia)	155	393.5			Method 1-f
White-tailed Deer	110	279.5			Method 1-d
Introduced Game South Pacific	Min inch	Min cm			
Deer					
Axis, Chital or Indian Spotted Deer	115	292.0			Method 1-f
Fallow Deer	130	330.0			Method 3
Hog Deer	65	165.0			Method 1-f
Red Deer	250	635.0			Method 1-b
Rusa Deer	135	343.0			Method 1-f
Sambar Deer	130	330.0			Method 1-f
Sika Deer	125	317.5			Method 1-f
Wapiti or Elk	340	863.5			Method 1-a
White-tailed Deer	90	228.5			Method 1-d

Pigs					
Feral Pig	8	20.5			Method 5
Wild Cattle					
Banteng	90	228.5			Method 10
Water buffalo (World Wide)	140	355.5			Method 10
Wild goats					
Chamois	9	23.0			Method 7-b
Himalayan Tahr	12 4/8	32.0			Method 7-b