



COLOR MARKINGS

used in the East Asian-Australasian Flyway

Available at <http://www.eaaflyway.net/our-activities/task-forces/coordination-of-colour-marking/>

EVERY SINGLE RESIGHTING IS IMPORTANT. *If you observed a marked bird, please report the following information as much as possible to relevant organizations: species, date, locality (with coordinates), color marks (type, color, and inscription of the marks), photographs, circumstances and other relevant details, etc. Domestic/local banding schemes as well as contact persons in the following tables are best focal points. Your reports will benefit migration studies and identification of key routes and habitats of migratory birds.*

Gruidae (cranes)

Please visit the site of '[Yamashina Institute for Ornithology](#)' to read color marking protocols for waterbirds including marked cranes in Japan.

You may find relevant information on color-marked Common Cranes (*Grus grus*) in Europe on the '[European Colour-ring Birding: Common Crane](#)' page managed by Dirk Raes.

The webpage of the '[International Crane Foundation \(ICF\)](#)', an important Partner of EAAFP, provides valuable information on cranes and their migration. Particularly, you may visit the '[Banded Cranes](#)' page for color marked cranes in North America.

Red-crowned Crane (*Grus japonensis*)

Type	Country	Color	Example	Notes	Contact information
Leg ring	Russia	White	<div style="display: inline-block; border: 1px solid black; padding: 2px; margin: 2px;">F94</div> <div style="display: inline-block; border: 1px solid black; padding: 2px; margin: 2px; margin-left: 10px;">5C0</div>	Khinganski Nature Reserve and Khanka Lake <ul style="list-style-type: none"> • C01-C99 were used in Khinganski Nature Reserve and Khanka Lake from 1984-91 • F** were used in Khingansk since 1989 • *C* were used in Khingansk since 1993 	Bird Ringing Centre of Russia
		Yellow	<div style="display: inline-block; background-color: yellow; border: 1px solid black; padding: 2px; margin: 2px;">N25</div>	Khinganski Nature Reserve and Khanka Lake in 1981-90 <ul style="list-style-type: none"> • N1-N25 were used in 1981-1982 in Khanka Lake • Three digits of numbers were used since 1984 in Khingansk areas 	Bird Ringing Centre of Russia
		Green	<div style="display: inline-block; background-color: green; color: white; border: 1px solid black; padding: 2px; margin: 2px;">137</div> <div style="display: inline-block; background-color: green; color: white; border: 1px solid black; padding: 2px; margin: 2px; margin-left: 10px;">140</div>	Used for two birds (numbered '137' and '140') at Khinganski Nature Reserve in 2000	Bird Ringing Centre of Russia
	China	Red	<div style="display: inline-block; background-color: red; color: white; border: 1px solid black; padding: 2px; margin: 2px;">1 2 8</div>	Two or three digits of numbers were used in Zhalong since 1984. Codes used: 00-99, 100-999, B00-Z99.	Lu Jun
	Japan	Yellow	<div style="display: inline-block; background-color: yellow; border: 1px solid black; padding: 2px; margin: 2px;">T95</div> <div style="display: inline-block; background-color: yellow; border: 1px solid black; padding: 2px; margin: 2px; margin-left: 10px;">99V</div>	Hokkaido since 1988 <ul style="list-style-type: none"> • T01-T99 were used from 1988-1996 • 01V-99V were used from 1996-2002 • Two digits of numbers followed by 'P' have used since 2002 	Bird Migration Research Center, YIO










Red-crowned Crane (F72 on a WHITE color ring)
Banded at Khinganski Nature Reserve in Russia in 2003
Observed at Cheorwon in South Korea in Dec 2004
Photo by [Seung-Hwa YOO](#)



Engraved YELLOW color rings
prepared for Red-crowned Cranes in Hokkaido, Japan
Photo by [Chang-Yong CHOI](#)

White-naped Crane (*Grus vipio*)

Type	Country	Color	Example	Notes	Contact information
Leg ring	Russia	White	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">A23</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">2A9</div> </div> <div style="border: 1px solid black; padding: 2px; text-align: center; width: 40px; margin: 0 auto;">E96</div>	<p>Amur River Basin (Khinganski Nature Reserve, Khanka Lake, Dauriskiy) since 1985</p> <ul style="list-style-type: none"> • A01-A96 were used in Khanka Lake (1985-1996) and Torey Lake (1987-1989) • E** were used in Dauriskiy (Torey Lake and adjacent areas) in 1989-1993 • E** and *A* were used in Khingansk areas since 1989 	<p>Bird Ringing Centre of Russia Oleg Goroshko (Dauriskiy NR)</p>
		Yellow	<div style="background-color: yellow; border: 1px solid black; padding: 2px; display: inline-block;">75</div>	Khinganski Nature Reserve in 1984-87	Bird Ringing Centre of Russia
		Blue	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: blue; color: white; padding: 2px; text-align: center;">G29</div> <div style="background-color: blue; color: white; padding: 2px; text-align: center;">2G4</div> </div>	<p>Dauriskiy (Torey Lake and adjacent areas) since 1991</p> <ul style="list-style-type: none"> • G** were used in 1991-1992 • *G* were used since 1993 	<p>Bird Ringing Centre of Russia Oleg Goroshko (Dauriskiy NR)</p>
		Red	<div style="background-color: red; color: white; padding: 2px; text-align: center;">S46</div>	S** were used in Dauriskiy (Torey Lake and adjacent areas) in 1989	<p>Bird Ringing Centre of Russia Oleg Goroshko (Dauriskiy NR)</p>
	China	Red	<div style="background-color: red; color: white; padding: 2px; text-align: center;">N 5 3</div>	Zhalong since 1986. Codes used: 00-99, 100-999, B00-Z99.	Lu Jun

Mongolia	Green		Uldza River in 1992-1994 and in 2002	Gombobaatar Sundev (Mongolian Ornithological Society) Kiyooki OZAKI (Yamashina Institute for Ornithology)
Japan	Orange		Two digits (12-22) were used at Izumi in 1983	Bird Migration Research Center, YIO
	Yellow	 	‘J’, ‘M’, ‘R’ followed by one or two digits of numbers were used in Izumi since 1984 <ul style="list-style-type: none"> • J04-J78 were used from 1984-1987 • M1-M99 were used from 1988-1999 • R** were used since 1999 One to three color ring(s) may be attached on the other leg.	Bird Migration Research Center, YIO
South Korea	White	 	Only two white rings (engraved 'KOC' and 'K2Y') were used for rehabilitated birds in 2004 and 2007 in Cheorwon.	Wee-Haeng HUR (National Institute of Biological Resources)
	Green		Green was assigned, but never used.	Kisup LEE (Korea Waterbird Network)



Color rings (engraved YELLOW and plain plastic rings)
and an old-fashioned PTT used for White-naped Cranes in Izumi, Japan
Photo by [Chang-Yong CHOI](#)



White-naped Crane (E67 on WHITE leg ring)
Banded at Byrtsa River, Kyra Region in Russia on 16 Jul 1990
Observed at Cheorwon in South Korea on 20 Jan 2011
Photo by [Nam-joon Ji](#)



White-naped Crane (M89 on YELLOW leg ring & Red/Blue/Red rings)

Banded at Izumi in Japan on 29 Jan 1995

Observed at Cheorwon in South Korea on 21 Mar 2004

Photo by [Chang-Yong CHOI](#)



White-naped Crane (M1 on YELLOW leg ring)

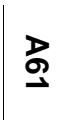




Banded at Izumi in Japan on 21 Jan 1988




Observed at Cheorwon in South Korea on 18 Oct 2002 and 27 Nov 2005

Please note that the leg color was nearly stained white.

Photo by [Seung-Hwa YOO](#)

Hooded Crane (*Grus monacha*)

Type	Country	Color	Example	Notes	Contact information
Leg ring	Russia	White		Bikin (Khabarovsk) in 1985-1989 E10 was used in Torey Lake in 1989	Bird Ringing Centre of Russia Oleg Goroshko (Daurkiy NR)
		Yellow		Two birds (VC6, VK6) were ringed in Daurkiy in 1991	Bird Ringing Centre of Russia Oleg Goroshko (Daurkiy NR)
		Blue		OG* were used in Daurkiy in 1993	Bird Ringing Centre of Russia Oleg Goroshko (Daurkiy NR)
		Red		Several birds (K02-K05) were ringed in Daurkiy in 1988-1990	Bird Ringing Centre of Russia Oleg Goroshko (Daurkiy NR)
	China	Red		Red rings with white numbers (e.g. 204 and 205) have been used. Codes used: 00-99, 100-999, B00-Z99.	Lu Jun

	Mongolia	Green		Uldza River in 1992-1994 and in 2002	Gombobaatar Sundev (Mongolian Ornithological Society) Kiyooki OZAKI (Yamashina Institute for Ornithology)
	Japan	Orange		Two digits of numbers were used in Izumi in 1979-1983	Bird Migration Research Center, YIO
		Yellow		<p>'J', 'K', or 'P' followed by two digits of numbers in Izumi since 1983.</p> <ul style="list-style-type: none"> • J02-J99 were used in 1983-1987. • K01-K99 were used in 1987-1994. • P** were used since 1994. 	Bird Migration Research Center, YIO

Siberian Crane (<i>Grus leucogeranus</i>)					
Type	Country	Color	Example	Notes	Contact information
Leg ring	Russia	White	<div style="display: inline-block; border: 1px solid black; padding: 2px; margin-right: 10px;">0 6</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">1 7 4</div>	<p>Banded in Yakutia since 1990</p> <ul style="list-style-type: none"> • White 01-12 were used in 1990 and 1991. • White 174-197 were used in 2005. • Red 01-16 were used from 1992 to 1996. • Blue 01-20 were used from 1993 to 1995. • Yellow 1-12 were used in 1990 to 1996. <p>One or combination of plastic color ring(s) and metal ring(s) may be also used with these legs.</p> <p>PTTs were attached to some birds for satellite trackings.</p>	<p>Bird Ringing Centre of Russia Yuri Markin (UNEP/GEF Siberian Crane Wetland Project consultant)</p>
		Red	<div style="display: inline-block; background-color: red; color: white; padding: 2px; margin-right: 10px;">1 3</div> <div style="display: inline-block; background-color: yellow; padding: 2px;">1 2</div>		
		Yellow			
		Blue	<div style="display: inline-block; background-color: blue; color: white; padding: 2px;">1 6</div>		

For more information on color-ringed Siberian Cranes in Russia, please read the article entitled “Banding and monitoring of Siberian Cranes in Yakutia (Germogenov et al. 2007)” published on *China Crane News* (Vol.11, No.1, p. 26-34). Individual data is available: <http://www.chinabird.org/newsletter/crane2007-1.pdf>

You may find more information on the ‘[Reintroduction: Banding](#)’ page in the website of [Siberian Crane Banding Coordination](#). There are some images of Siberian Cranes carrying color rings and transmitters.



Siberian Crane (08 on Blue leg ring)

Banded near Ushkan Lake, Russia, on 13 August 1993

Observed at Poyang Lake in China on 18 Feb 2012

Photo by Huigong YU

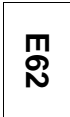




Siberian Crane (08 on Blue leg ring)



Banded near Ushkan Lake, Russia, on 13 August 1993

Observed at Poyang Lake in China on 18 Feb 2012

Photo by Huigong YU






Common Crane (<i>Grus grus</i>)					
Type	Country	Color	Example	Notes	Contact information
Leg ring	Russia	White		E** were used Daurskiy (Torey Lake and adjacent areas) in 1990	Bird Ringing Centre of Russia Oleg Goroshko (Daurskiy NR)
		Blue		One bird (G15) was banded in Torey Lake in 1992	Bird Ringing Centre of Russia Oleg Goroshko (Daurskiy NR)
		Red		Daurskiy in 1989-1990 <ul style="list-style-type: none"> • K01, K04, and S** were used near Torey Lake 	Bird Ringing Centre of Russia Oleg Goroshko (Daurskiy NR)

Please refer the '[European Clour-ring Birding: Common Crane](#)' page for color-marking protocols used in Common Cranes (*Grus grus*) in Europe.

Black-necked Crane (<i>Grus nigricollis</i>)					
Type	Country	Color	Example	Notes	Contact information
<i>There is currently no flyway-level protocol for this species, but some color markings may be locally used.</i>					
Leg ring	China	Red		This color bands with white digits were used in Ruergai and Napahai Nature Reserves. Codes used: 00-99, 100-999, B00-Z99.	Lu Jun
	China	Orange		Three orange bands with black digits were used in Ruergai Nature Reserve during 1986-1987. No plan to use this color in the future.	Fa-Wen Qian (National Bird Banding Center of China) Fengshan Li (International Crane Foundation)
	Bhutan			No information is currently available.	
	India			No information is currently available.	

Sarus Crane (<i>Grus antigone</i>)					
Type	Country	Color	Example	Notes	Contact information
<i>There is currently no flyway-level protocol for this species, but some color markings may be locally used.</i>					
Leg ring	Vietnam			Some Sarus Cranes, caught at Tram Chim National Park in 1998 and 2001 by Yamashina Institute for Ornithology (YIO) and International Crane Foundation (ICF), may carry color bands on their legs.	Jeb Barzen (ICF) Tran Triet (ICF) Nguyen Van Hung (Tram Chim NP)
	Cambodia			Angkor Centre for Conservation of Biodiversity (ACCB) may have rehabilitated a chick with bands.	Markus Handschuh (ACCB)

Demoiselle Crane (*Anthropoides virgo*)

Type	Country	Color	Example	Notes	Contact information
Leg ring	Russia	Red		Daurskiy in 1990 <ul style="list-style-type: none"> • K06-K47 were used in Torey Lake in 1990 	Bird Ringing Centre of Russia Oleg Goroshko (Daurskiy NR)
		Blue		Daurskiy from 1993-1995 <ul style="list-style-type: none"> • 1G* and 5G* were used in Torey Lake in 1993 	Bird Ringing Centre of Russia Oleg Goroshko (Daurskiy NR)
		Green		P01-P74 were used in Daurskiy (mainly in Torey Lake) in 1992	Bird Ringing Centre of Russia Oleg Goroshko (Daurskiy NR)
	Mongolia	Green		Nine birds (0Y1-1Y1) were banded at Uldza River in 1995	Tseveenmyadag Natsagdorj (Mongolian Ornithological Society) Gombobaatar Sundev (Mongolian Ornithological Society)
	China	Yellow		Two digits of numbers were used in Zhalong in 1989-90.	Fa-Wen Qian (National Bird Banding Center of China)

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For more information or for error correction, please contact Dr. [Judit Szabo](#), the Science Officer of the EAAF Partnership Secretariat.