

Supporting CITES for conservation outcomes


with the Songbird Species Knowledge Index



Conservation Science Alliance



Erasmus+

A large flock of starlings is captured in flight against a sunset sky, which transitions from a deep orange at the top to a soft purple near the horizon. The birds are silhouetted against the bright sky, creating a dense, textured cloud of dark specks. Below the birds, the dark silhouettes of trees and a flat landscape are visible.

40% population decline since 1980 in Germany
= 2023 in Germany alone 6-9 mio. starlings

This image represent approximately 1800 starlings

240



Gracula robusta

210



Acridotheres tricolor

400



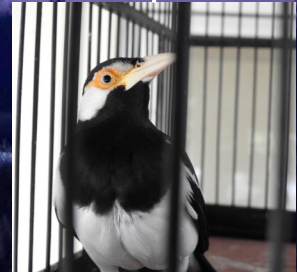
Leucopsar rothschildi

55



Acridotheres melanopterus

25



Gracupica jalla

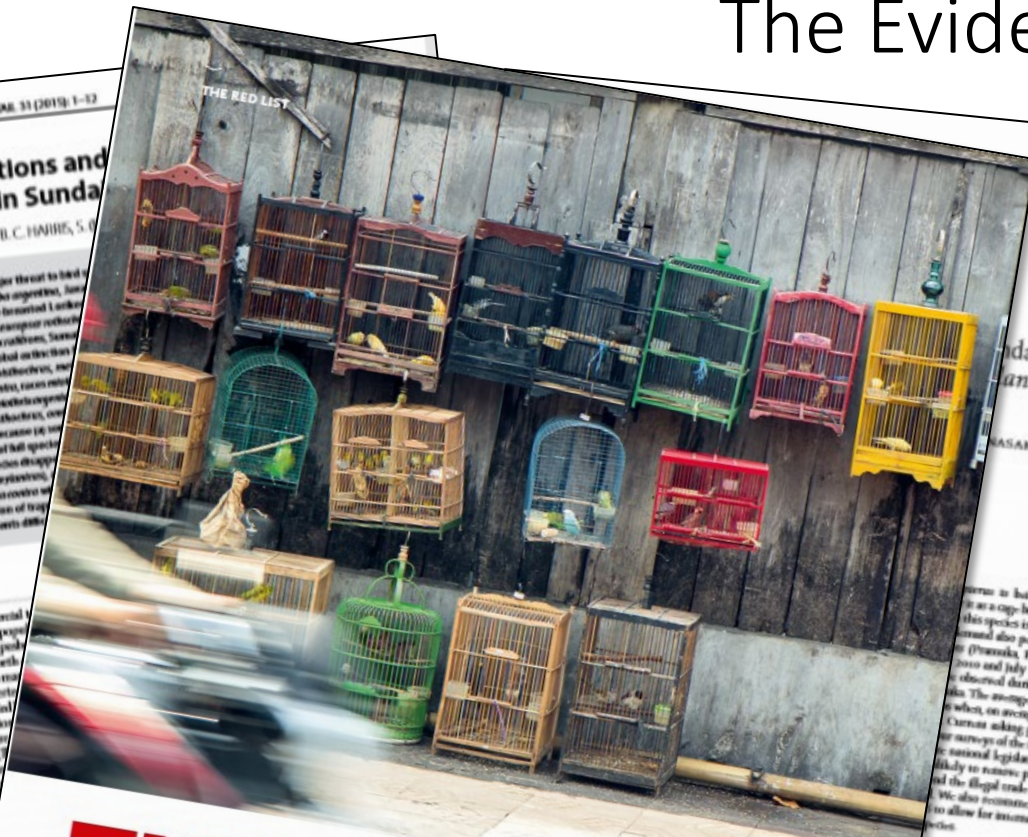


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In recent years some have begun to question the scale of the bird trade in Somalia. Indeed, 2005, Chirg *et al.* (2015) and its impact on 2006, 2007, 2011, Chirg *et al.* (2015, Hani 2015), as well as to provide a safeguard, some of these species through the capture populations (Collar *et al.* 2013). Owen *et al.* (2013) have been largely extirpated in many particular driven by alarm and support is now called the Threatened Aquatic species as a formal body of the fish Aquaria (IAZA). Here, therefore, the evidence to provide an overview of the potential threat to avian taxa in

By trade we mean both *don*
paper the focus is almost ex

By trade we mean both deep paper the focus is almost entirely



The 2016 Red List reveals that Indonesia's love of songbirds is a tainted love; unsustainable trapping is driving many endemic species towards extinction

James Lowery

20 times the prices recorded in 1997, corroborated by widespread extirpations throughout the region. Straw-headed Bulbuls are increasingly difficult to locate, while demand is high. Concerted efforts from a variety of stakeholders are urgently needed to prevent the extinction of this species in the wild. We recommend that the Straw-headed Bulbul be included in Indonesia's list of protected species, considered for uplisting to Critically Endangered on the IUCN Red List and listed in Appendix I of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). We also urge the Indonesian Government to effectively enforce existing laws, targeting the open bird markets to shut down the trade in this and other threatened species.

species is being pushed
in as a cup-bird and the
this species is largely to
ground also persists. We
(Pruett, Furtado and
2010 and July 2014. No
observed during every
the. The average number
when, on average, some
Current asking prices in
surveys of the markets
national legislation and
to remove persons
the illegal trade in this
also recommended
the for international

infestation has pushed several species, such as *Crossokelonia*, *Rafinesquina*, *Stenocorymbus*, *Stenocorymbus*, and *Stenocorymbus* (P. 1998, McArthur and *et al.* 2002, Culler and van *et al.* 2002), leading to their extinction. In the absence of a non-protected wildlife, the four decades, very little has happened (P. 2002, Shepherd *et al.* 2002, Shepherd *et al.* 2002, Shepherd *et al.* 2002) other species whose survival is in jeopardy, and by the

James (Farman),
divide per trade;
the extinction
Laysan Leucophaea
white plumage.
ingled out as a
discovery early
e international
promoted by
tion of the law
le to perdition
common, even

restricted range, it was all too easy to regard it as a special case. Tiny Sumatran of Taman Safari International (see below) organised Rali Myna workshops in October 2015 and February 2017, involving members of the international conservation movement, and evidence that Rali Myna conservation is now taken seriously was



CoP18 (Geneva, 2019) Doc.CoP18.79 & Decision, 18.256 on Songbird trade and conservation management.

Collect information on:

- ***Songbird conservation priorities***
- ***Species management***
- ***Enforcement needs related to the trade (TRAFFIC & UNDOC)***

Decisions 18.256 to 18.259 on Songbird trade and conservation management (CITES 2020b) were adopted. In Decision 18.256, the Secretariat was directed to: 1) commission a preliminary study on the scale and scope of international songbird trade; 2) consult with appropriate technical experts in the preparation of documents on the conservation, trade, management, enforcement, and regulatory priorities of songbird taxa in a workshop; and 3) make the results of the study and workshop, together with recommendations, available to the Animals Committee for consideration. Decision 18.257 directs the Animals Committee to review results of the workshop and report referred to in the previous decision (18.256) together with Document 79 (CITES 2019). Decision 18.258 directs the Standing Committee to consider the recommendations from the Animals Committee to make its own recommendations for the 19th meeting of the Conference of the Parties. Decision 18.259 referred to funding support for the development of the study and workshop.

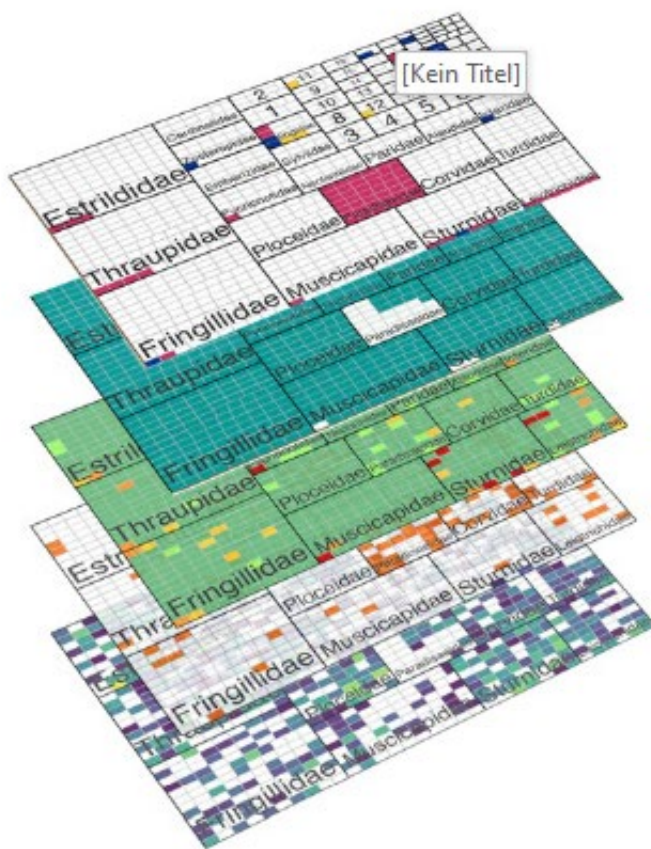


Conservation Science Alliance

Songbirds Species Knowledge Index Initiative with the aim to support CoP Decision 18.256

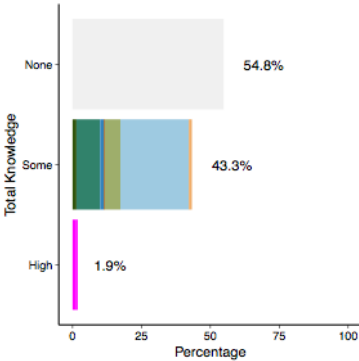
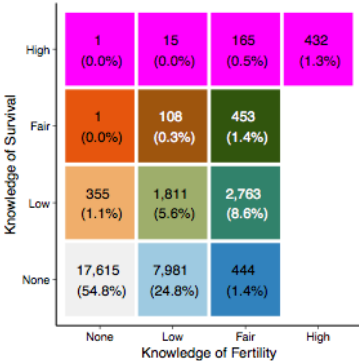
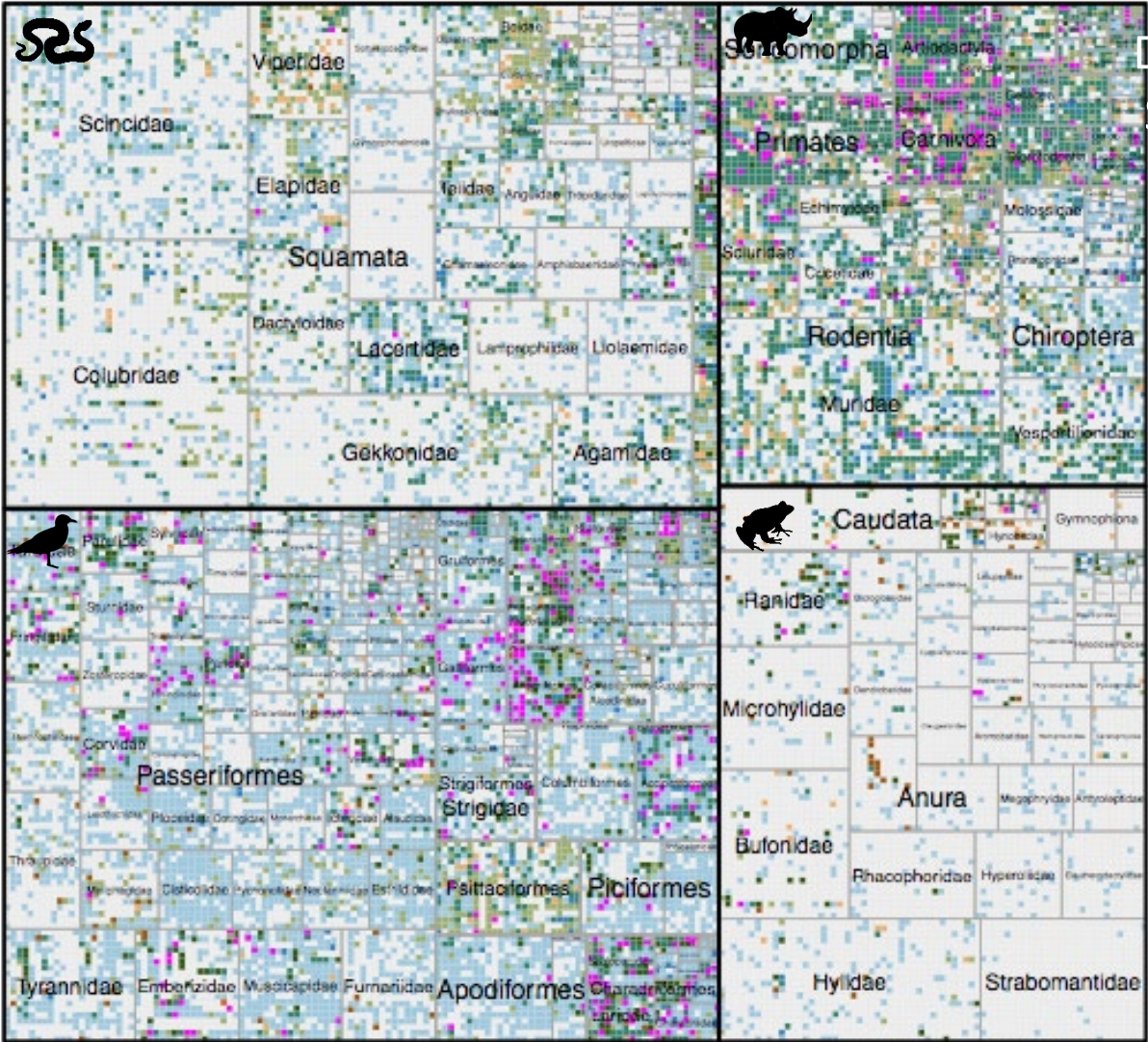


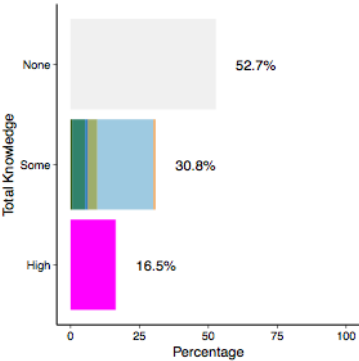
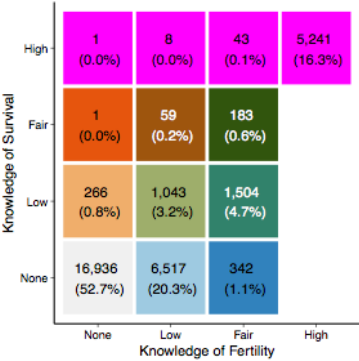
DATA LAYERS



CITES-listed species
 +
 International trade
 +
 IUCN Red List
 +
 Climate change
 vulnerability
 +
 Ecological distinctiveness

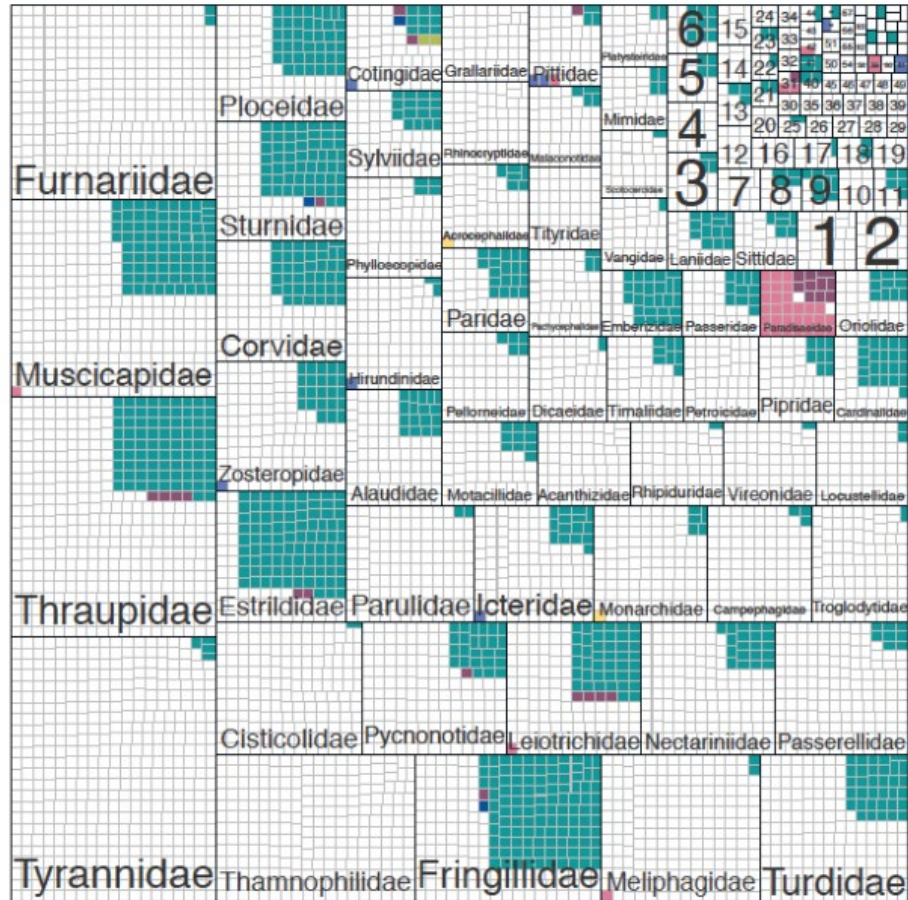
Additionally adding layers of information on migration, husbandry, trade volumes, geographical scope of trade, seizure, legislation





International Songbird Trade

SiTDB + CITES



 SiTDB (986)
 CITES App. I (12)
 CITES App. II (65)
 CITES App. III (4)

CITES + SiTDB



 CITES App. I (12)
 CITES App. II (65)
 CITES App. III (4)
 SiTDB (986)



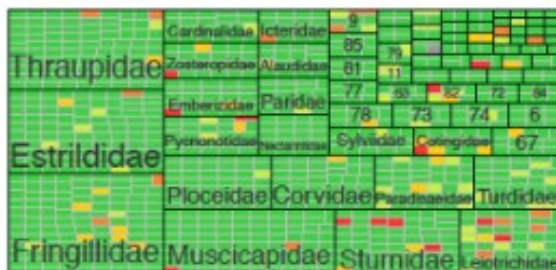
Ex Situ Management







CITES + SiTDB



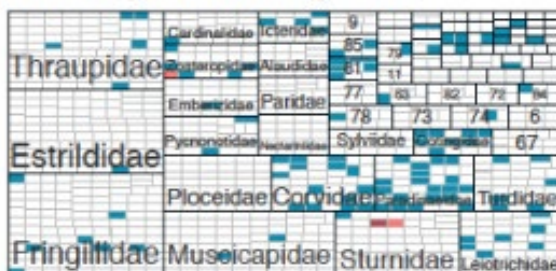
 CITES App. I (12)
 CITES App. II (65)
 CITES App. III (4)
 SiTDB (986)

IUCN Status



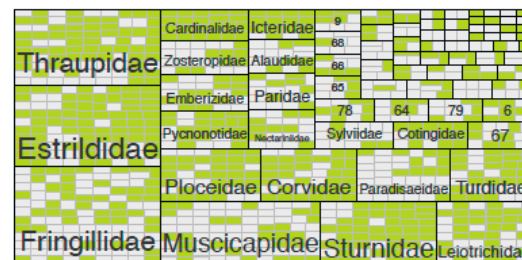
 CR (13)
 EN (15)
 VU (26)
 NT (46)
 LC (934)
 DD (1)

Vulnerability to climate change + AZE



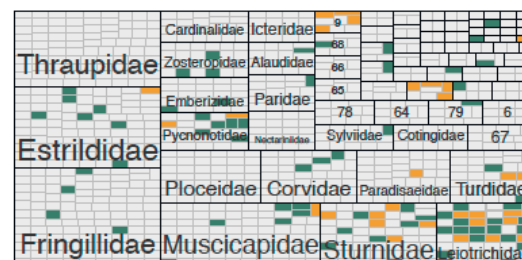
 VCC (107)
 AZE (3)

Species360 ZIMS



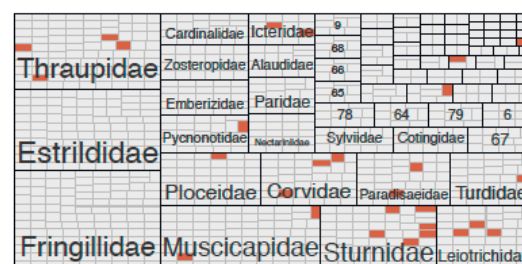
 in ZIMS

EAZA EEP & TAGs



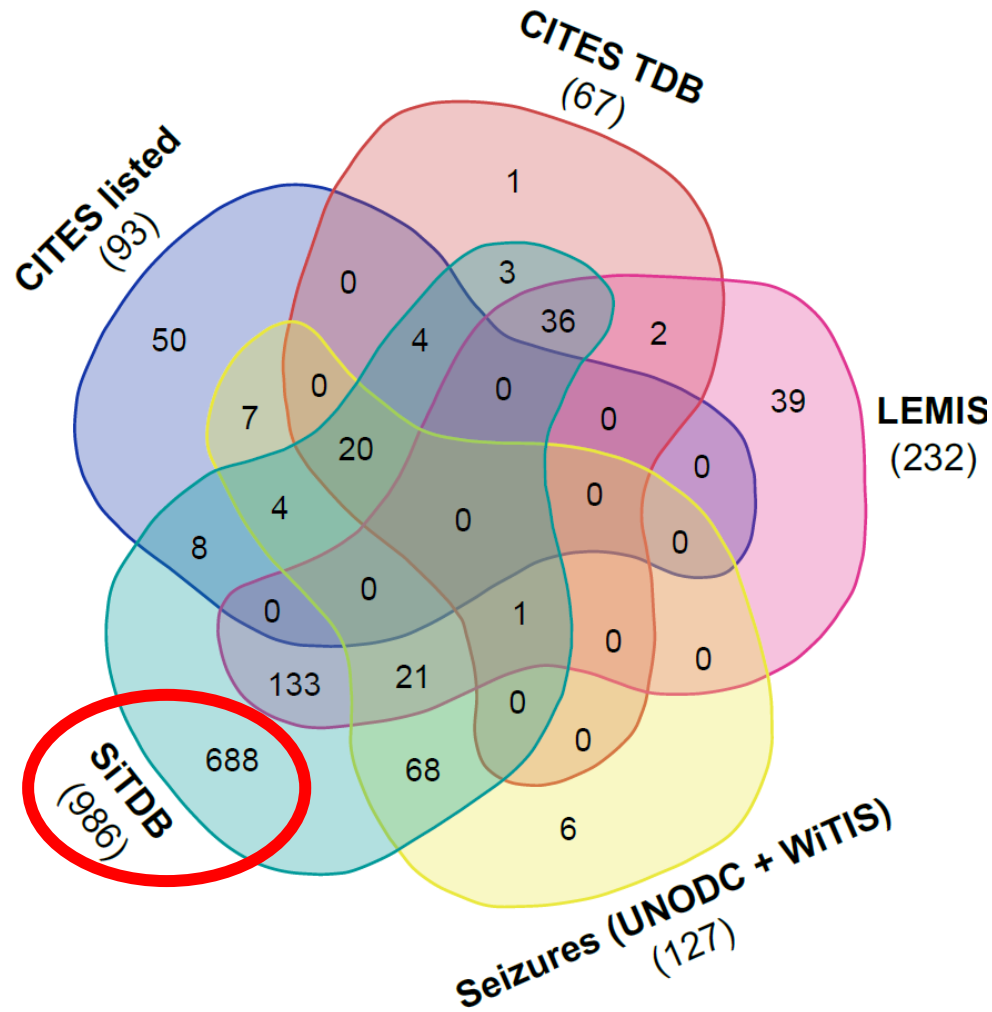
 EAZA/ EEP
 TAG

AZA SSP



 AZA SSP

International Songbird Trade



- CITES Appendices I, II and III (3, 27, and 2 species respectively)
- Trade Database (SiTDB) as internationally traded between 2006 - August 2020 (986 species).
- 7 species that are listed by IUCN as threatened by international trade



SONGBIRDS IN TRADE DATABASE

Open access Songbirds in Trade Database (SiTDB) version 9.5



CONSERVATION RESEARCH SOCIETY

Monitor Songbird Trade Research

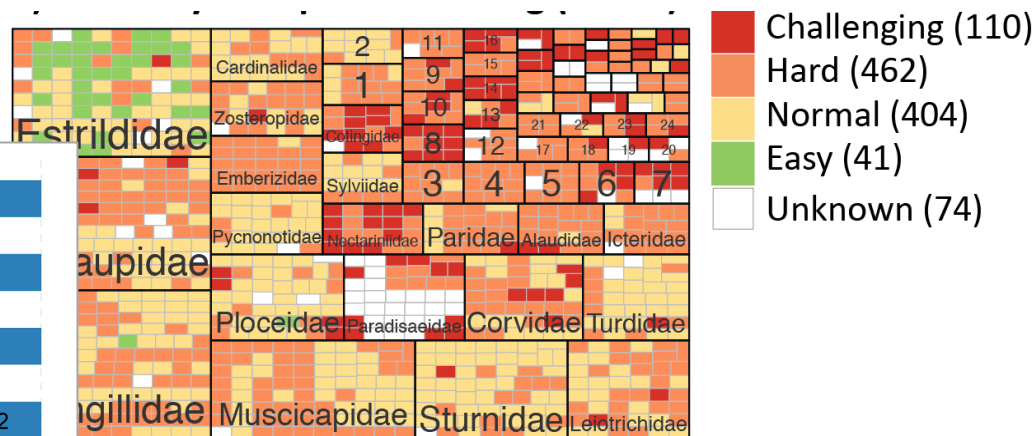
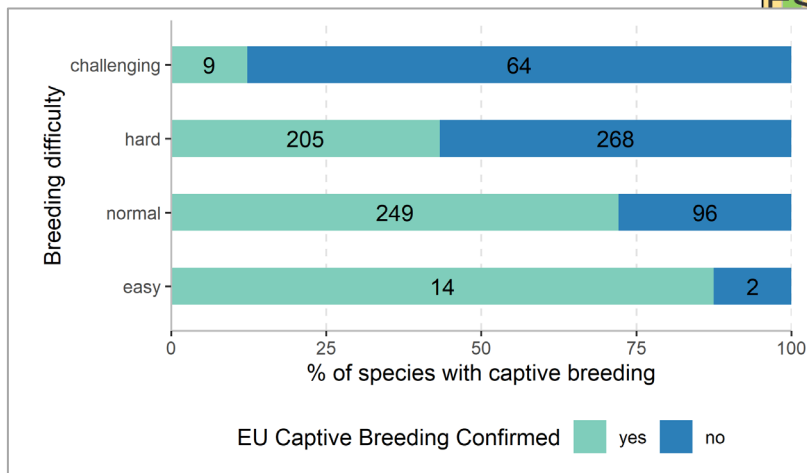
<https://mcrcsociety.org/programmes/songbirds/>

<https://www.sitdb.org/>



<https://www.sitdb.org/>

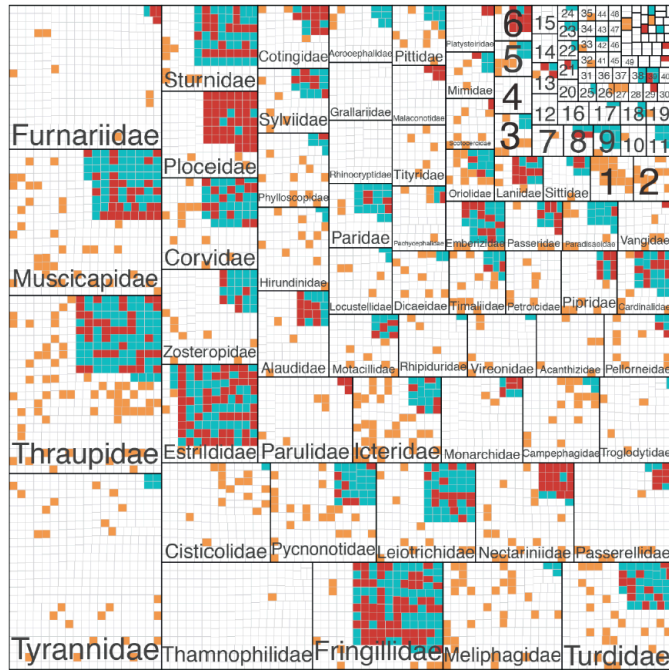
Songbirds in Trade Database (SiTDB)



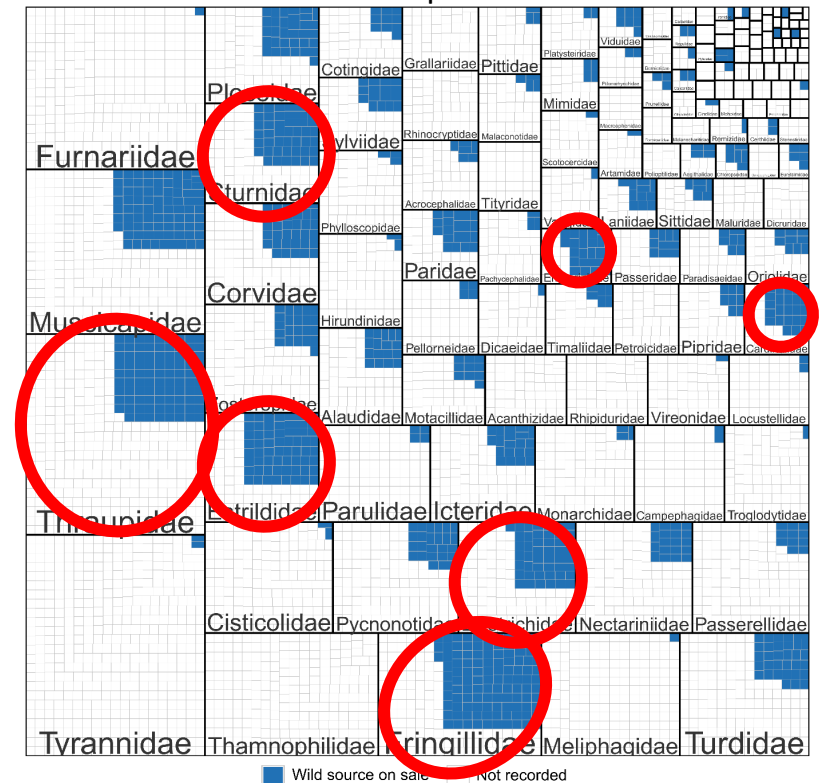
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	Common name	Scientific name	IUCN Red List 2019	Trade Activator 2006-2020	Domestic trade volume relative to population	International trade volume relative to population	Preparation of trade in total	Trade or contributing to the population	Volume of trade in EU-2015-2020	Wildsource entering EU	Captive breeding confirmed in EU	Difficulty of captive breeding	Established captive breeding effort 2020	Coordinated captive breeding under management plan 2020	Known trade routes	Known affected subspecies	Domestication and mutation	1st Reference	2nd Reference
1																			
2515	White-throated Jay	<i>Cyanocitta mitabilis</i>	VU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2516	Dwarf Jay	<i>Cyanocitta nanus</i>	NT	evidence	low	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2517	Black-throated Jay	<i>Cyanocitta pumilio</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2518	Silvery-throated Jay	<i>Cyanocitta argentipila</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2519	Beautiful Jay	<i>Cyanocitta pulchra</i>	NT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2520	Azure-hooded Jay	<i>Cyanocitta cyaneus</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2521	Quindio Jay	<i>Cyanocitta quindiana</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2522	Black-collared Jay	<i>Cyanocitta armillata</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2523	Turquoise Jay	<i>Cyanocitta turcosa</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2524	White-collared Jay	<i>Cyanocitta viridicollis</i>	NT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2525	Pinyon Jay	<i>Gymnocitta cyanocephala</i>	VU	evidence	-	moderate	-	-	low	yes	-	hard	-	-	-	Mexico - EU	-	044	04
2526	Unicolored Jay	<i>Aphelocoma unicolor</i>	LC	possible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unconfirmed
2527	Mexican Jay	<i>Aphelocoma urophasian</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2528	Ultramarine Jay	<i>Aphelocoma ultramarina</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2529	Florida Scrub-jay	<i>Aphelocoma coerulescens</i>	VU	possible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	342
2530	Western Scrub-jay	<i>Aphelocoma californica</i>	LC	evidence	-	low	-	-	low	yes	-	hard	-	-	-	EU	-	288	30
2531	Blue Jay	<i>Cyanocitta cristata</i>	LC	evidence	-	low	-	partly	low	yes	yes	hard	-	-	-	EU	-	047	30
2532	Steller's Jay	<i>Cyanocitta stelleri</i>	LC	evidence	-	low	-	partly	low	yes	yes	hard	-	-	-	EU	-	047	30
2533	Violaceous Jay	<i>Cyanocorax violaceus</i>	LC	evidence	low	low	-	-	low	yes	yes	hard	-	-	-	Peru - EU	-	047	14
2534	Purplish Jay	<i>Cyanocorax cyanocephalus</i>	LC	evidence	moderate	low	-	majority	low	yes	yes	hard	-	-	-	Denmark	-	047	06
2535	Curly-crested Jay	<i>Cyanocorax cristatellus</i>	LC	evidence	moderate	low	-	majority	low	yes	yes	hard	-	-	-	Brazil, USA	-	003	04
2536	Azure Jay	<i>Cyanocorax coeruleus</i>	NT	evidence	low	-	-	majority	-	-	-	hard	-	-	-	Brazil	-	003	16
2537	Brown Jay	<i>Cyanocorax morio</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2538	Black-throated Magpie-jay	<i>Cyanocorax collieri</i>	LC	evidence	moderate	moderate	-	partly	moderate	yes	yes	normal	-	-	-	USA, EU, France	-	047	12
2539	White-throated Magpie-jay	<i>Cyanocorax formicivorus</i>	LC	evidence	low	low	-	majority	low	yes	yes	hard	-	-	-	Mexico, Mexico - EU, USA	-	047	12
2540	Green Jay	<i>Cyanocorax yncas</i>	LC	evidence	high	moderate	-	majority	moderate	yes	yes	hard	-	-	-	Peru, Peru - EU, Mexico - EU, glaucosceus, yncas	-	044	05
2541	White-tailed Jay	<i>Cyanocorax mystacalis</i>	LC	evidence	high	high	-	majority	moderate	yes	yes	hard	-	-	-	Peru - EU, Peru	-	047	08
2542	Tufted Jay	<i>Cyanocorax dickeyi</i>	NT	possible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	342
2543	Black-chested Jay	<i>Cyanocorax arizonae</i>	LC	evidence	high	low	-	majority	moderate	yes	-	hard	-	-	-	-	-	-	063
2544	Azure-naped Jay	<i>Cyanocorax helgolandicus</i>	LC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2545	Campina Jay	<i>Cyanocorax haffneri</i>	NT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2546	White-naped Jay	<i>Cyanocorax cyanopogon</i>	LC	evidence	moderate	-	-	majority	-	-	-	hard	-	-	-	Brazil	-	031	16



Songbirds in Trade Database (SiTDB)

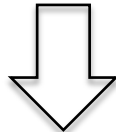


Wild origin in EU 2006-2020
= 907 species

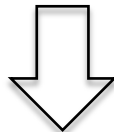


Identifying priority species

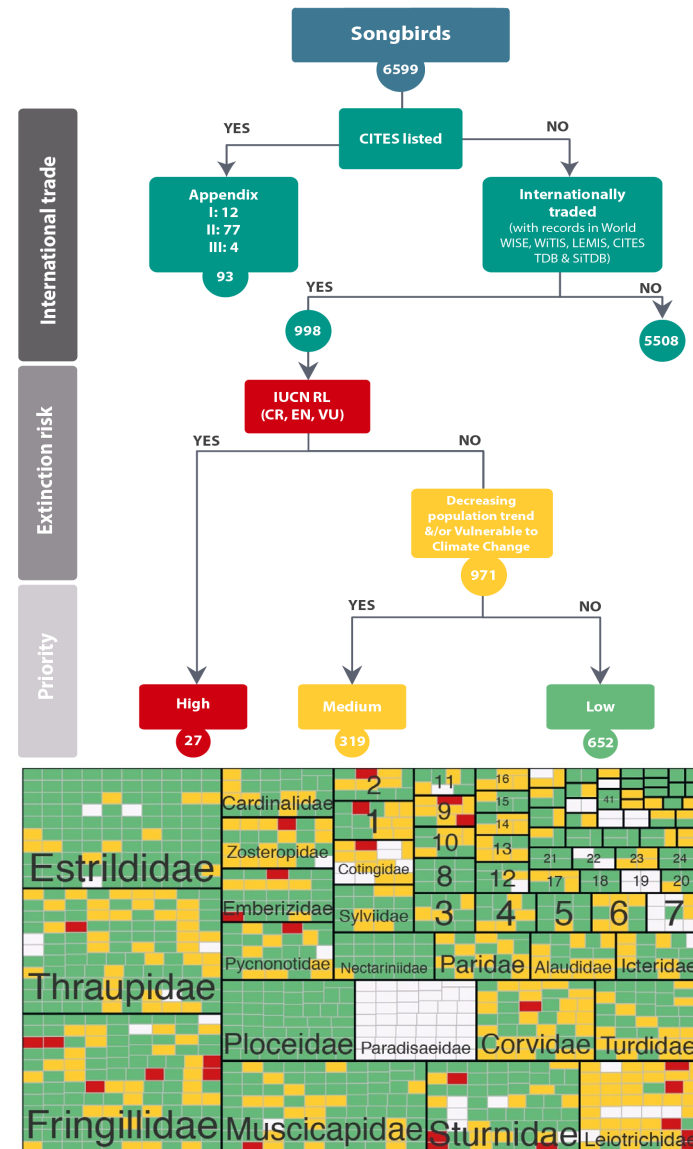
~6659 songbirds



1041
International Trade



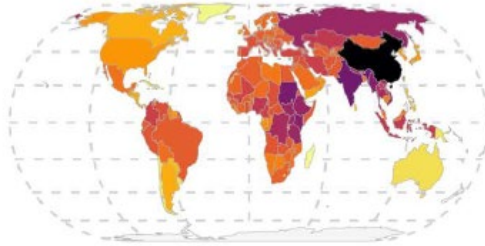
998
Not in CITES



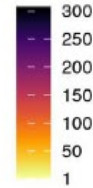
Geographical scope of priority species

998 Species in trade

Species not CITES listed but with records of international trade.

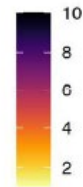
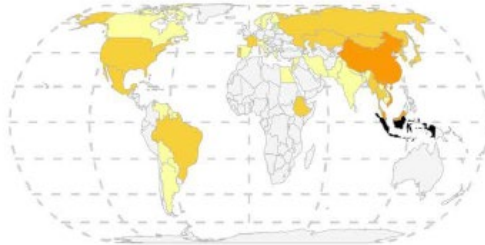


Nr. of species



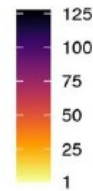
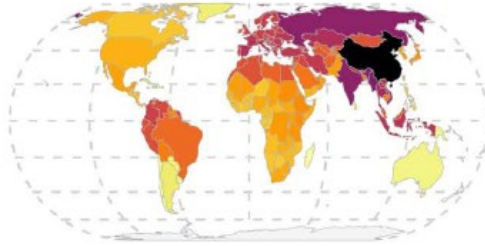
27 High priority

Species listed as threatened on the IUCN Red List.



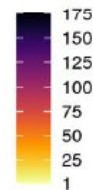
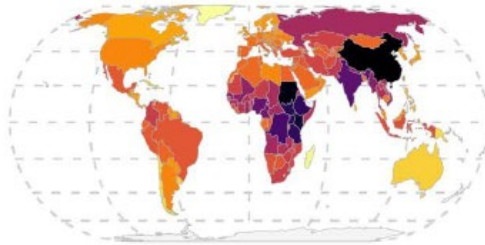
319 Medium priority

Species assessed as vulnerable to climate change and/or with decreasing populations.

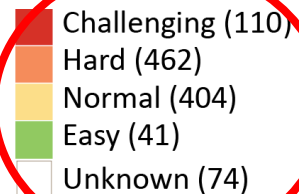
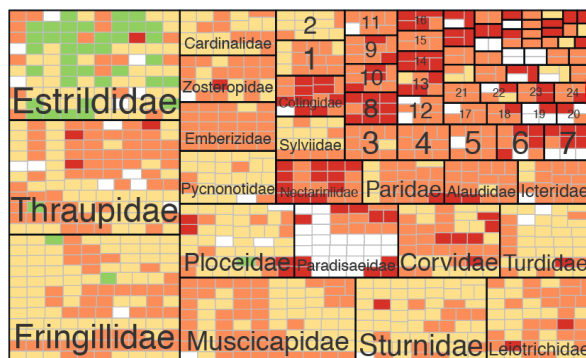
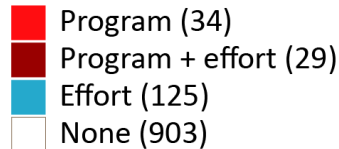
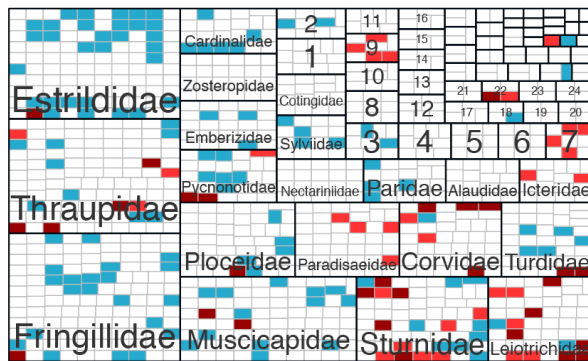
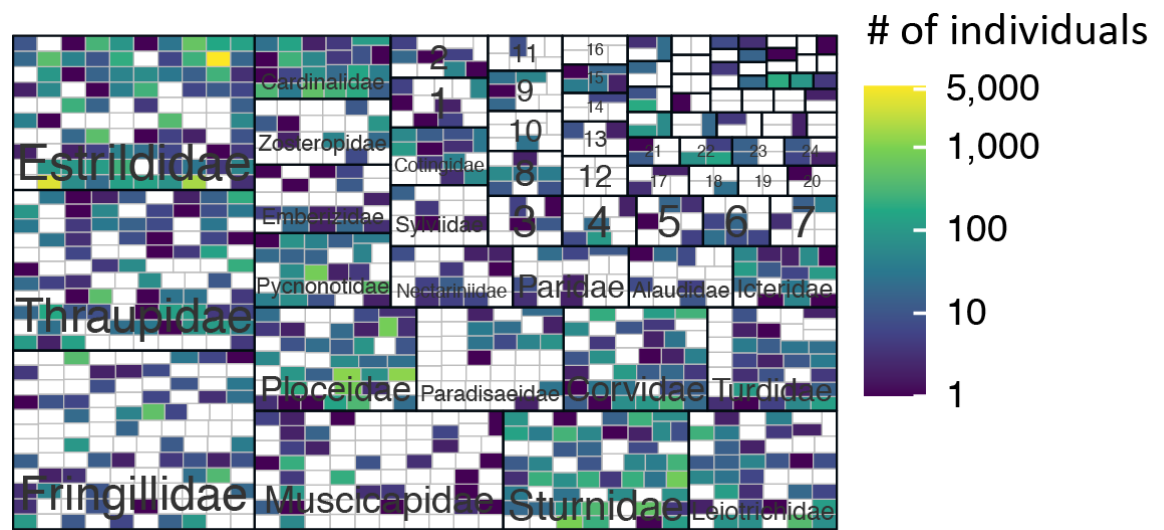


652 Low priority

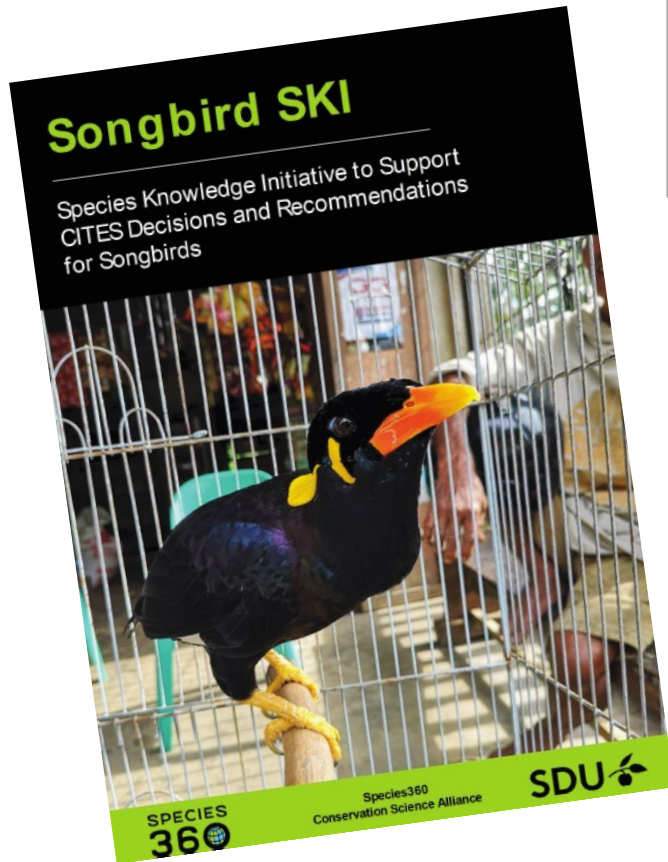
Remaining species in international trade.



Ex-situ as insurance & captive breeding indicator



The product = 162 pages



Main CITES information paper + Annex 1 Data paper (open access) + Annex 2 Supportive information essays

**Intended as a CITES
Information document**



Informing Red Listing Process



**Informing priorities for zoos and
conservation programmes**



Informing research and recommendation for action



SPECIES
360



Invitation to CITES CoP19 Side Event



Silent Forest: Songbird Trade

Wednesday, November 23, 2022

19:00-21:00

Panama Convention Centre, Room Istmo 1

Food and beverages will be provided.

Organized by: Association of Zoos and Aquariums (AZA), BirdLife International, Cologne Zoo, Copenhagen Zoo, European Association of Zoos and Aquaria (EAZA), IUCN SSC Asian Songbird Trade Specialist Group (ASTSG), Lincoln Park Zoo, Mandai Nature, Marlow Birdpark, Monitor Conservation Research Society (Monitor), Provita, Species360, TRAFFIC, Wildlife Conservation Society (WCS), World Association of Zoos and Aquaria (WAZA).

Contributors:

Dalia A. Conde, Simon Bruslund, Johanna Staerk, Jacqueline Juergens, Rikke Oegelund Nielsen, Boyd Leupen, Chris Shepherd, Kanitha Krishnasamy, Serene Chui Ling Chng, John Jackson, Rita da Silva, Antony Bagott, Romulo Romeu Nóbrega Alves, Jess Lee, Serene Chng, Anuj Jain, Jochen Menner, Martin Rose, Nata'alui Duha, Thomas Amey, Chris Banks, Juliana Machado Ferreira, Sandra Charity, Alice Reisfeld, Miguel A. Arvelo, Valentina Cedeño, Shelly Grow, S. Sunny Nelson, Carl Træholt, Hariyawan A. Wahyudi, Nicole Bruslund, Koji Tagi, James Wingard, Myfanwy Griffith, Amy Upgren, Alicia de la Colina, Rikki Gumbs, Olivia Couchman, Tomas Marques, Dan Chandler, David Jeggo, BirdLife International, Cambridge Conservation Initiative, United Nations Office on Drugs and Crime, IUCN-SSC Asian Songbird Trade Specialist Group

<https://conservation.species360.org/programs/species-knowledge-index/songbird-species-knowledge-initiative/>

