



# East Asian – Australasian Flyway Conservation Status Review 1

## Session 1

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Wetlands International


*Webinar on EAAF CSR1, 8 April 2021*





# Background

1. The EAAFP requires up-to-date information on status of populations of migratory waterbirds for a range of prioritization and review purposes, including to:
  - (a) derive the EAAF Flyway Site Network thresholds (1%),
  - (b) provide an international context for prioritization and supporting the identification of changes in the status of populations, including threatened populations,
  - (c) provide a technically sound basis for cooperative actions to develop & implement conservation action plans for these populations, and
  - (d) assist in measuring the success of the Partnership in achieving its goal that “Migratory waterbirds and their habitats in the EAAF are recognised and conserved for the benefit of people and biodiversity”.
  
2. EAAFP Decision 7.4 calls for use of the “Waterbird Population Estimates” (WPE) process to:
  - (a) provide updated information on waterbird population sizes and trends, and
  - (b) provide the basis for deriving the EAAF Flyway Site Network thresholds (1%),

# Waterbird Population Estimates Portal

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### Filter Options

**Taxonomic**  
Family  
  
Species  
  
Population

**Publication**  
WPE 5

**Conservation framework**  
☐ AEWA  
☐ CAF Action Plan  
☒ EAAF Partnership  
☐ EUBD  
☐ WHSRN

**Biogeographic / flyway region**  
☐ African-Eurasian  
☐ ..... East Atlantic Flyway  
☐ ..... Black Sea-Mediterranean Flyway  
☐ ..... West Asian-East African Flyway  
☐ ..... Western Palearctic  
☐ ..... Afrotropic  
☐ ..... Afrotropic - Western and Central  
☐ ..... Afrotropic - Eastern and Southern  
☐ ..... Afrotropic - Eastern  
☐ ..... Afrotropic - Sub-Saharan  
☐ ..... Afrotropic - Southern  
☐ ..... Western Palearctic - Atlantic

**Red list categories**  
☐ Not evaluated  
☐ Critically Endangered  
☐ Data Deficient  
☐ Endangered  
☐ Extinct in the Wild  
☐ Extinct  
☐ Least Concern  
☐ Not recognised  
☐ Near Threatened  
☐ Under Review  
☐ Vulnerable

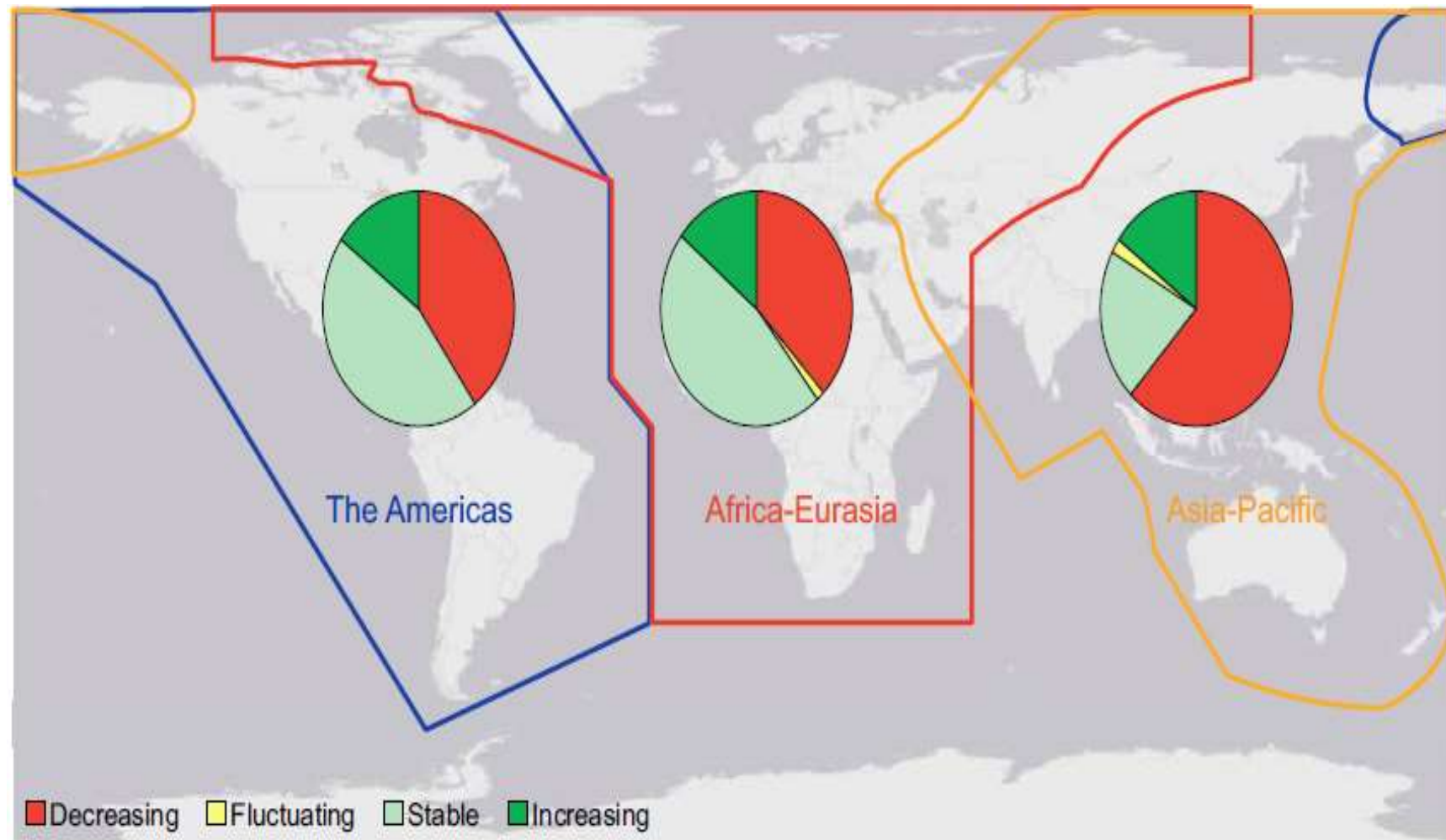
**Ramsar region**  
☐ Africa  
☐ Asia  
☐ Europe  
☐ Neotropics  
☐ North America  
☐ Oceania

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**Biogeographic population:** follows concept adopted by the Ramsar Convention (2012) and benefits from a review and simplification by the Technical Committee of the Agreement on the Conservation of African-Eurasian Migratory Waterbirds.

A waterbird biogeographical population is a population of a species or a sub-species that is either geographically discrete from other populations at all times of the year, or at sometimes of the year only, or is a specified part of a continuous distribution so defined for the purposes of conservation management.

# Waterbird population trends by major management flyway region



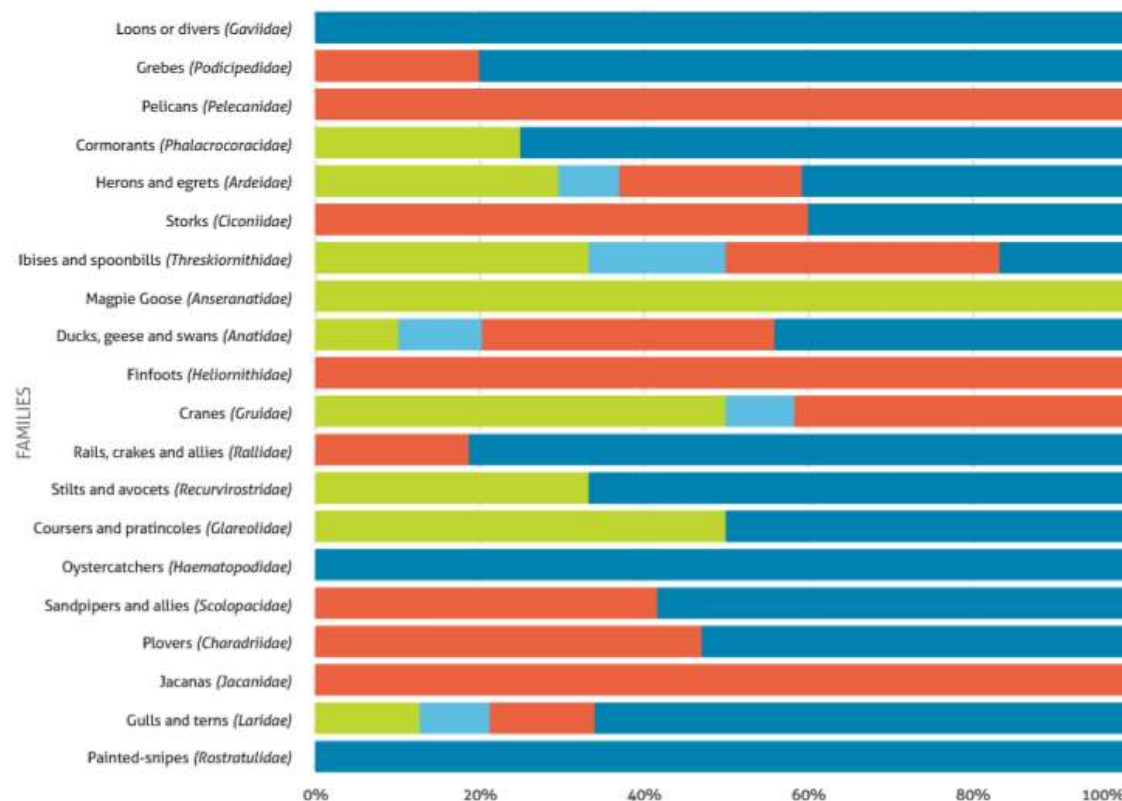
*Wetlands International 2012. Waterbird Populations Estimates. Fifth Edition.*

# Status of waterbird populations in the EAAF

As included in the WPE 5 (2012)



## POPULATION TRENDS BY SELECTED WATERBIRD FAMILIES:

■ stable or fluctuating ■ increasing ■ declining ■ unknown



- 218 waterbird species
- 258 biogeographic populations
- 10% have no size estimates
- 50% have size estimates dating pre-2000
- Over 50% have no trend information

# Critically Endangered Spoon-billed Sandpiper

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## *Eurynorhynchus pygmeus* (Spoon-billed Sandpiper) - E Siberia (bre)

### Population information

Order name	Charadriiformes		
Family name	Scolopacidae		
Scientific name	<i>Eurynorhynchus pygmeus</i>	Common name	Spoon-billed Sandpiper
Population name	E Siberia (bre)		
Breeding range	Chukotskiy Peninsula S to N Kamchatka	Non-breeding range	SE India, Bangladesh, Sri Lanka, Myanmar? Vietnam, Thailand
Red List Category	Critically Endangered		
Ramsar regions	Asia		

Notes

### Protection

Protection	Notes
EAAF Partnership	
CAF Action Plan	



Note:



<http://wpe.wetlands.org>



# Critically Endangered Spoon-billed Sandpiper

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## Population 1% level

Publication	Yearset	1 percent	Note
WPE 1	1994	50	
WPE 2	1997	50	
WPE 3	2002	30	
WPE 4	2006	30	
WPE 5	2012	3	

### References

- R631 - Tomkovich, P.S., Syroechkovski, JR., E.E., Lappo, E.G. and Zockler, C. 2002. First indications of a sharp population decline in the globally threatened Spoon-billed Sandpiper *Eurynorhynchus pygmeus*. Bird Conservation International 12: 1-18.
- R321 - Howes, J. and Parish, D. 1989. New Information on Asian Shorebirds: A preliminary review of the INTERWADER Programme 1983-1989 and priorities for the future. Asian Wetland Bureau Publication No. 42. Kuala Lumpur, Malaysia.
- R1278 - Zockler, C. In litt. 2 May 2012.

### Notes

- S6765 - 35-120 breeding pairs = 140-480 individuals (Zockler, C. in litt. 2 May 2012).

Copyright Wetlands International 2012

Citation: Wetlands International (2012). "Waterbird Population Estimates" . Retrieved from [wpe.wetlands.org](http://wpe.wetlands.org) on Saturday 7 Jul 2012



<http://wpe.wetlands.org>

# Background

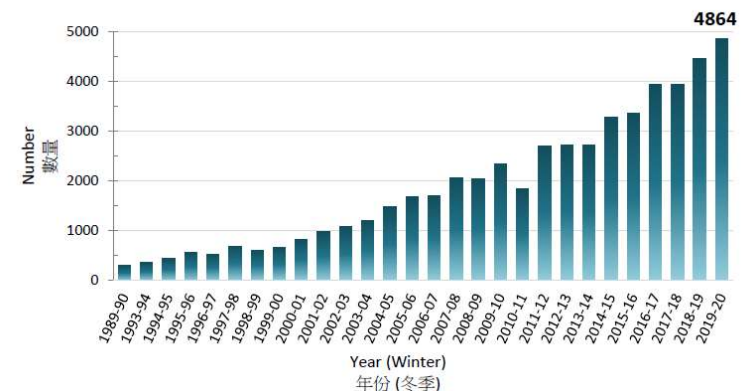
3. Since the last global update of the WPE was in 2012; recent literature proposes:

- declines identified for several populations, including Anatid and shorebirds;
- Few increases (e.g. Black-faced Spoonbill\*)

4. Urgent need to establish a process for the EAAFP to generate updated information on a regular basis

Chart 1. Results of International Black-faced Spoonbill Census from 1989-90 to 2019-20.

圖表 1. 1989-90 至 2019-20 年黑臉琵鷺全球普查結果。



5. EAAFP Strategic Plan 2019-2028, Key Result Area 3.2 states:

- “**Conservation status reviews** for waterbird populations are periodically produced to set and adapt priorities for action”.
- Measured by actions to ensure that “Data describing waterbird population estimates, trends and distributions is maintained by the Partnership” and “Two updates have been produced and published” over the course of the ten year strategic plan period.
- It identifies that this work be undertaken by Partners, Wetlands International, Technical Committee, relevant working groups and research institutions

\*Yu, Y.T., Li, C.H., Tse, I.W.L. and Fong, H.H.N.2020. International Black-faced Spoonbill Census 2020.Black-faced Spoonbill Research Group, The Hong Kong Bird Watching Society.Hong Kong.



# EAAFP MOP 10 (2019) Decision 12 Development of a Conservation Status Review of Migratory Waterbird Populations for the EAAFP states that the Partnership:



1. *Adopts* a systematic process to **maintain up-to-date information on waterbird population estimates, trends and 1% thresholds** through the **preparation of a periodic EAAF Conservation Status Review**;
2. *Calls* on the **Partners and the Secretariat to support periodic production of the EAAF Conservation Status Review** (at least every alternate MoP or not more than four yearly) as appropriate within national circumstances.
3. *Mandates* **Wetlands International to coordinate preparation of the EAAF Conservation Status Review in consultation with the Technical Sub-Committee, Science Unit of the Secretariat, Partners, Working Groups, Task Forces and other experts**, with a target for a first edition to be produced by end 2019 (with a draft structure provided in Annex 1.3);
4. *Calls* on Secretariat in liaison with Wetlands International to **ensure that the output of the periodic EAAF Conservation Status Reviews feed into the global WPE updates**.
5. *Calls* on the **Monitoring Task Force to develop standardised guidance required for development and implementation of comprehensive national waterbird monitoring programmes**.

# EAAF Conservation Status Review 1

1. The CSR describes the latest estimates of population size, trends and 1% thresholds – it provides the official resource document to all Partners, as well as other stakeholders in the flyway and globally

**2. Preparation of the CSR requires the following:**

- review of waterbird monitoring datasets (AWC & others), regional and species-specific monitoring data
- running of trends for selected species
- collation of new information on estimates and trends
- extensive consultation process with partners and experts
- preparation of latest estimates and trends
- finalisation of boundaries for all biogeographic populations
- drafting of EAAFP CSR1 summary report
- finalisation of report based on feedback from partners and experts
- sign off by the Technical Sub-Committee

**3. Results made available through the EAAFP website and WPE Portal:**

- ✓ Population size estimates & trends, 1% thresholds and biogeographic population boundaries of all waterbird populations - publicly accessible in late 2021 & delivered through the new Waterbird Populations Portal
- ✓ EAAFP CSR1 summary report (incl. identification of Gaps and Priorities for future CSRs) after EAAFP MOP11 adoption

**4. Submission of CSR1 Decision Paper to EAAFP MOP11**

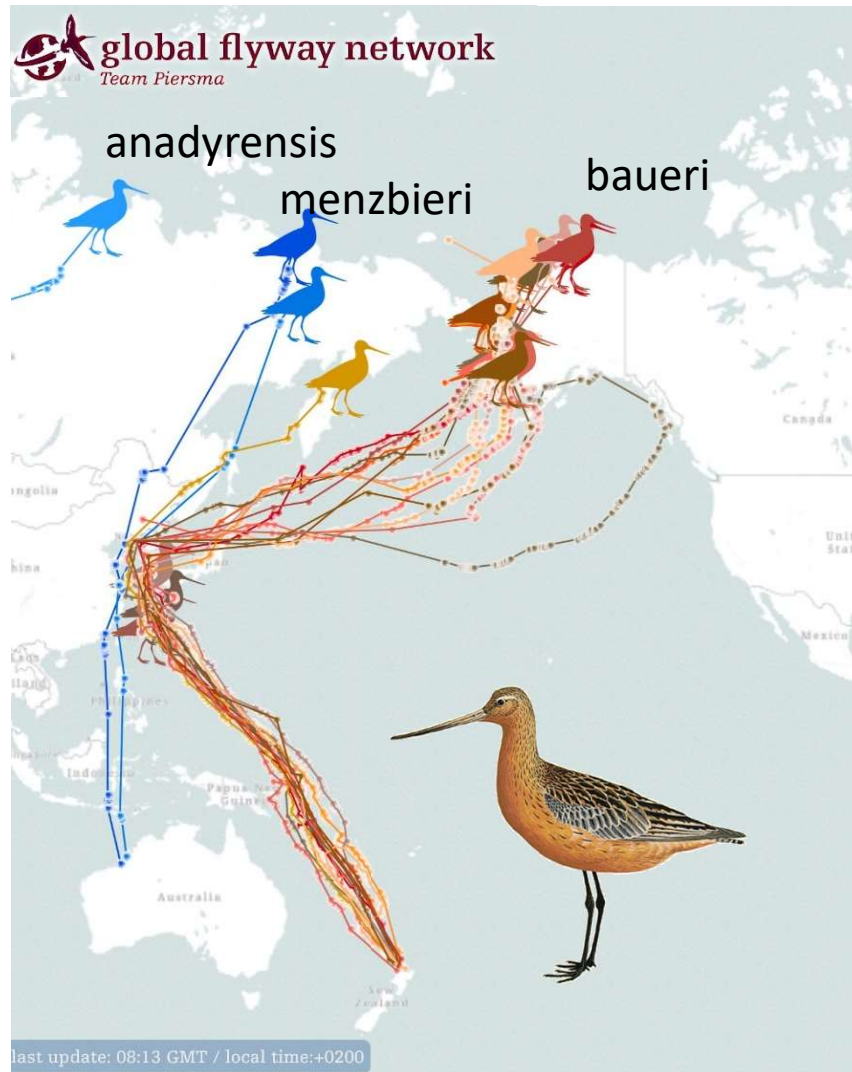
# Overview of coverage of taxonomic groups of waterbirds included in CSR1

Taxonomic Group	English Name	Indicative no. of EAAFP populations	Working Groups or Task Forces
Gaviidae	Divers/Loons	2	Seabird Working Group
Podicipedidae	Grebes	5	None
Phalacrocoracidae	Cormorants	4	Seabird Working Group
Pelecanidae	Pelicans	2	Dalmatian Pelican TF
Ardeidae	Hérons, Egrets and Bitterns	27	None
Ciconiidae	Storks	5	None
Threskiornithidae	Ibises and Spoonbills	6	None
Anatidae	Swans, Geese and Ducks	60	Anatidae Working Group
Gruidae	Cranes	12	Crane Working Group
Rallidae	Rails, Gallinules and Coots	16	None
Heliornithidae	Finfoots	1	None
Jacanidae	Jacanas	1	None
Haematopodidae	Oystercatcher	1	Shorebird Working Group
Recurvirostridae	Stilts and Avocet	3	Shorebird Working Group
Glareolidae	Pratincoles	2	Shorebird Working Group
Charadriidae	Plovers	16	Shorebird Working Group
Scolopacidae	Sandpipers	46	Shorebird Working Group
Laridae	Gulls, Terns and Skimmers	45	Seabird Working Group
<b>Total</b>		<b>254</b>	

Biogeographic populations of Alcidae (Auks, murres and puffins), Oceanitidae (Austral Storm Petrels), Procellariidae (Shearwaters & petrels), Stercorariidae (Skuas and jaegers), Phaethontidae (Tropicbirds), Hydrobatidae (Northern storm petrels), Sulidae (Gannets and boobies), Fregatidae (Frigatebirds) need to be defined by the Seabird Working Group and adopted by the Partnership. These populations should be included in future CSR editions

# Bar-tailed Godwit *Limosa lapponica*

- separation of biogeographic populations



# Provisional timeline for development & delivery of 1st EAAF-CSR

		2021				2022	
Main Action		Q1	Q2	Q3	Q4	Q1	Q2
1	EAAFP Webinar - introduce & encourage participation		X				
2	Consultation on population size estimates & trends with partners and experts		X	X			
3	Consultation on waterbird biogeographic pops (maps) with partners and experts		X	X			
4	EAAFP CSR1 summary report (incl. identification of Gaps and Priorities for Future CSRs)			X			
	-Drafting report			X			
	-Review of draft report by partners and experts			X			
	-Finalisation of report				X		
5	Review and approval by Tech SC & upload estimates, trends and boundaries on Waterbird Portal				X		
6	Submission of CSR1 decision paper to EAAFP MOP11				X		
7	Presentation of CSR1 at EAAFP MOP11					X	
8	Submission of final CSR1 to EAAFP (post MOP feedback from Partners, final review and approval by Tech SC & Management Comm)						X

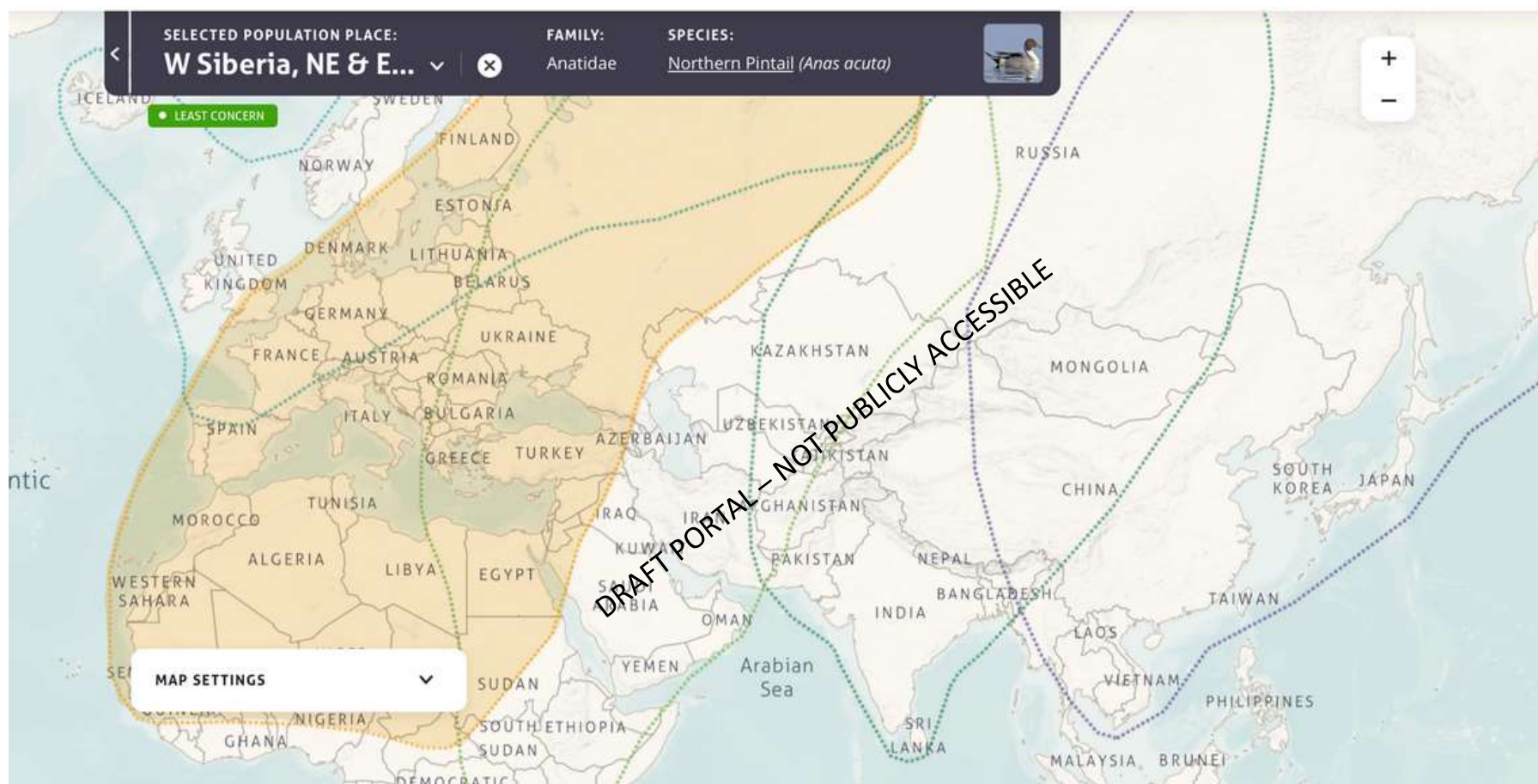


# Delivery of EAAFP CSR1 results in the Waterbird Populations Portal

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# Delivery of EAAFP CSR1 results in the Waterbird Populations Portal



# Delivery of EAAFP CSR1 results in the Waterbird Populations Portal

## Population information

Order name	Anseriformes	Order family	Anatidae
Common / Sci. name	Northern Pintail ( <i>Anas acuta</i> )	Global Red List	• LEAST CONCERN
Population name	E & SE Asia		
Breeding range	E Siberia	Non-breeding name	E & SE Asia S to Thailand
Ramsar regions	Asia		
Notes	-		
Active	No		

## Conservation Framework

Conservation Framework  
EAAF Partnership

### Population size

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Publication	Start year	End year	Minimum	Maximum	Estimate quality	Notes	References
WPE 5	0	0	200000	300000	No quality assessment	<a href="#">N8055</a>	<a href="#">R519</a>

### Population trend

[Expand](#)

Publication	Start year	End year	Trend	Trend quality	Notes	References
WPE 5	1977	1991	DEC	No quality assessment		<a href="#">R407</a>

### Population 1% level

[Expand](#)

Publication	Yearset	1 percent	Notes
WPE 5	2012	2400	

### References

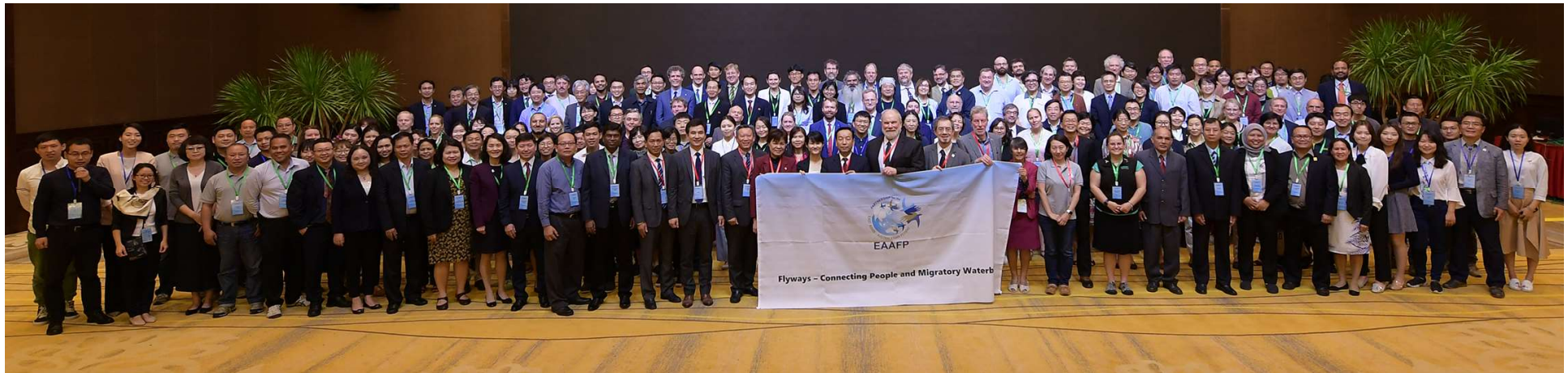
- R519 - Perennou, C.P., Mundkur, T. and Scott, D.A. 1994. The Asian Waterfowl Census 1987-1991: distribution and status of Asian waterfowl. IWRB Spec. Publ. No. 24; AWB Spec. Publ. No. 86. Slimbridge, UK and Kuala Lumpur, Malaysia.
- R407 - Li, David, and Asian Waterbird Census network in litt. 2005.
- R455 - Miyabayashi, Y. and Mundkur, T. 1999. Atlas of Key Sites for Anatidae in the East Asian Flyway. Wetlands International ? Japan ? Tokyo, and Wetlands International ? Asia Pacific, Kuala Lumpur. 148 pp.

### Notes

- NS8055 - Moores, N. in J. Kear (ed.) 2005, Li in litt. 2005: Low thousands winter in Korea, 100 000 in Japan. 45: Fewer than 10,000 counted in the Yangtze valley during 2003-2005. Gerasimov & Gerasimov 2003: 180,000 migrate through the Kamchatka Peninsula in spring.

# Acknowledgements

- EAAFP Secretariat and the Norwegian Government
- EAAFP Science Unit
- EAAFP Partners, Working Groups and Task Forces
- Specialist Groups, AWC Coordinators and Experts
- Chair of the Technical Sub-Committee
- Interns and volunteers in preparing the population boundaries



# Questions & Answers Session