

Birds Champions

All birds have interesting facts to know about them but some are champions! Who is the tallest, the fastest? What birds really go the distance?

Birds by the Numbers: Break the Code!

You are communicating with a bird expert from the Tennessee Ornithological Society (TOS) via email, but every time she answers your questions some parts are broken up by numbers. It's a secret code! Can you break the code and find out the bird champions?

You: What is the fastest bird in the world?

TOS: $\frac{19}{19} \frac{11}{11} \frac{14}{14} \frac{11}{11} \frac{21}{21} \frac{14}{14} \frac{8}{8} \frac{13}{13} \frac{11}{11}$ — it can $\frac{6}{6} \frac{5}{5} \frac{15}{15} \frac{22}{22} \frac{4}{4} \frac{13}{13}$ >200 $\frac{7}{7} \frac{19}{19} \frac{2}{2}$
 in $\frac{19}{19} \frac{1}{1} \frac{14}{14} \frac{20}{20} \frac{1}{1} \frac{8}{8} \frac{17}{17} \frac{4}{4} \frac{6}{6} \frac{19}{19} \frac{14}{14} \frac{11}{11} \frac{10}{10}$.
 You can see them in $\frac{17}{17} \frac{11}{11} \frac{13}{13} \frac{13}{13} \frac{11}{11} \frac{20}{20} \frac{20}{20} \frac{11}{11} \frac{11}{11}$!



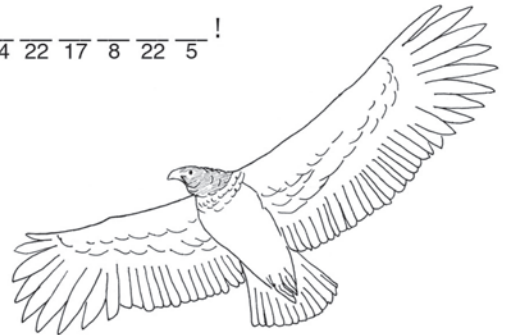
You: What bird migrates the farthest?

TOS: $\frac{5}{5} \frac{14}{14} \frac{22}{22} \frac{17}{17} \frac{8}{8} \frac{22}{22} \frac{17}{17} \frac{11}{11} \frac{14}{14} \frac{13}{13}$ — it weighs less than an $\frac{5}{5} \frac{19}{19} \frac{19}{19} \frac{15}{15} \frac{11}{11}$,
 but travels $> 44,000$ $\frac{7}{7} \frac{8}{8} \frac{15}{15} \frac{11}{11} \frac{20}{20}$
 $\frac{3}{3} \frac{8}{8} \frac{21}{21}$ — $\frac{3}{3} \frac{5}{5} \frac{21}{21} \frac{21}{21} \frac{8}{8} \frac{13}{13} \frac{21}{21}$ from Greenland to $\frac{5}{5} \frac{13}{13} \frac{17}{17} \frac{5}{5} \frac{14}{14} \frac{22}{22} \frac{17}{17} \frac{8}{8} \frac{22}{22} \frac{5}{5}$!



You: What bird has the largest wingspan in North America?

TOS: $\frac{22}{22} \frac{5}{5} \frac{15}{15} \frac{8}{8} \frac{6}{6} \frac{4}{4} \frac{14}{14} \frac{13}{13} \frac{8}{8} \frac{5}{5} \frac{22}{22} \frac{4}{4} \frac{13}{13} \frac{16}{16} \frac{4}{4} \frac{14}{14}$
 — an $\frac{11}{11} \frac{13}{13} \frac{16}{16} \frac{5}{5} \frac{13}{13} \frac{21}{21} \frac{11}{11} \frac{14}{14} \frac{11}{11} \frac{16}{16}$ bird with wings $\frac{20}{20} \frac{19}{19} \frac{5}{5} \frac{13}{13} \frac{13}{13} \frac{8}{8} \frac{13}{13} \frac{21}{21}$
 > 9 $\frac{6}{6} \frac{11}{11} \frac{11}{11} \frac{17}{17}$, it weighs over 23 $\frac{19}{19} \frac{4}{4} \frac{1}{1} \frac{13}{13} \frac{16}{16} \frac{20}{20}$!



You: What is the smallest bird in North America?

TOS: $\frac{22}{22} \frac{5}{5} \frac{15}{15} \frac{15}{15} \frac{8}{8} \frac{4}{4} \frac{19}{19} \frac{11}{11} \frac{2}{2} \frac{1}{1} \frac{7}{7} \frac{7}{7} \frac{8}{8} \frac{13}{13} \frac{21}{21} \frac{12}{12} \frac{8}{8} \frac{14}{14} \frac{16}{16}$ — only 3.25
 $\frac{8}{8} \frac{13}{13} \frac{22}{22} \frac{2}{2} \frac{11}{11} \frac{20}{20}$ long and 0.1 $\frac{4}{4} \frac{1}{1} \frac{13}{13} \frac{22}{22} \frac{11}{11} \frac{20}{20}$. You could $\frac{7}{7} \frac{5}{5} \frac{8}{8} \frac{15}{15}$
 10 for the price of 1 $\frac{19}{19} \frac{4}{4} \frac{20}{20} \frac{17}{17} \frac{5}{5} \frac{21}{21} \frac{11}{11} \frac{20}{20} \frac{17}{17} \frac{5}{5} \frac{7}{7} \frac{19}{19}$.



Birds Champions

You: What is the tallest bird in North America?

TOS: $\frac{18}{2} \frac{4}{4} \frac{19}{8} \frac{13}{21} \frac{22}{14} \frac{5}{5} \frac{13}{11}$ — almost

5 $\frac{6}{11} \frac{11}{17} \frac{17}{5} \frac{15}{15}$, a very rare endangered bird

you can sometimes see at the $\frac{2}{8} \frac{18}{5} \frac{20}{20} \frac{11}{11}$

$\frac{14}{11} \frac{6}{1} \frac{21}{11} \frac{17}{11} \frac{13}{13} \frac{11}{11} \frac{20}{20} \frac{11}{11}$ in _____!



Break the Code!

LETTER	ANSWER THESE QUESTIONS TO FIND THE CODE	CODE
A	$(15 \div 5) + (1 \times 2)$	
B	$(26 \div 2) - 1$	
C	$(2 \div 0.5) + 18$	
D	$9 + (7 \times 2) - 7$	
E	$(5 \times 3) - 4$	
F	$1 + 9 - 4$	
G	$(7 \times 4) - 7$	
H	4×0.5	
I	$(9 \times 0) + 8$	
L	$(4 \times 4) - 1$	
M	$(7 + 7) - (14 \div 2)$	
N	$20 - 10 + 3$	
O	16×0.25	
P	$(5 \times 4) - 1$	
R	$(3 + 4) \times 2$	
S	$(12 \div 3) \times 5$	
T	$(5 + 2) + (20 \div 2)$	
U	$(5 - 4) \times 1$	
V	$(16 \div 8) + 7$	
W	$3 \times 3 \times 2$	
Y	$(11 \times 2) - 12$	
Z	$(7 \times 2) - (11 \div 1)$	

Make Your Own Coded Message!

TOS wants to know ... what's your favorite bird? Put it in code here: