

# FOREIGN NEWS

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## BIRD RINGING IN BRAZIL

The Brazilian bird ringing scheme is operated by the Research Centre for the Conservation of Wild Birds (CEMAVE) which has been in existence for 15 years. A grand total of 170 000 ringed birds has been achieved during this time and there are, to date, 367 ringers. In addition to the traditional techniques of ringing and marking birds this institute has been the first in the Neotropical region to mark and track a transmitter-

carrying bird (stork *Jabiru mycteria*) by satellite.

It also conducts ringing courses which are attended by participants from all South American countries, coordinates marking projects on birds in Antarctica and is directly involved in the conservation of threatened birds occurring amongst the total of 1 620 species existing in Brazil.

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## BIRD RINGING IN SWEDEN IN 1989

The 30th Report of the Swedish Ringing Centre reveals that in 1989 a total of 292 726 birds of 327 species were ringed of which 80% were free-flying birds. This is the second highest annual total since the inception of the report series in 1960 and brings their grand total of birds ringed from 1960-1989 to

4 900 403 with an overall recovery rate of 1.3%. A total of 18 observatories and institutes and 187 ringers with personal permits contributed to the 1989 ringing effort.

Ringing totals for some potential migrant species to southern Africa include:

BUZZARD	<i>Buteo buteo</i>	319
WOOD SANDPIPER	<i>Tringa glareola</i>	401
SANDWICH TERN	<i>Sterna sandvicensis</i>	388
COMMON TERN	<i>Sterna hirundo</i>	681
ARCTIC TERN	<i>Sterna paradisaea</i>	532
SAND MARTIN	<i>Riparia riparia</i>	2 419
EUROPEAN SWALLOW	<i>Hirundo rustica</i>	1 162
YELLOW WAGTAIL	<i>Motacilla flava</i>	7 616
SEDGE WARBLER	<i>Acrocephalus schoenobaenus</i>	4 495
REED WARBLER	<i>Acrocephalus scirpaceus</i>	12 979
GARDEN WARBLER	<i>Sylvia borin</i>	3 000
WILLOW WARBLER	<i>Phylloscopus trochilus</i>	35 469
SPOTTED FLYCATCHER	<i>Muscicapa striata</i>	1 456
REDBACK SHRIKE	<i>Lanius collurio</i>	1 345