

The image shows the interior of a large, ornate dome, likely the National Museum of Natural History. The dome's ceiling is a light green color with a central circular skylight. The walls are decorated with intricate architectural details, including columns and decorative panels. A taxidermy specimen of a large animal, possibly a mammoth or bison, is mounted on the right side of the dome. The lighting is warm and focused on the specimen and the central skylight.

NATIONAL
MUSEUM *of*
NATURAL
HISTORY

☀ Smithsonian

Snarge and Feathers

*Carla J. Dove – Smithsonian Feather Identification Lab,
Washington D.C.*





Feather Lab Staff



FLAB STATS – FY 21

25 April 2022 – All staff back in offices

- **10,022 Identifications (increase of 8.8 % from FY 20)**
 - 4,829 USAF**
 - 3,760 FAA**
 - 1,433 NAVY**
- **90% of samples identified to species level**
- **79% of samples initially submitted for DNA analysis**
- **15-20% fail DNA first pass requiring morphological identification or resampling**
- **18% of samples identified with only whole feathers**
- **3% of identifications use photographs (increasing annually)**
 - USAF = 178; FAA = 113; Navy = 66**

Turn around time for Identifications – FY21

1. Lapse Time – strike date to Lab (ave)

USAF – 31 days

FAA – 22 days

Navy – 50 days

2. Lab processing:

Photographs – 0 days

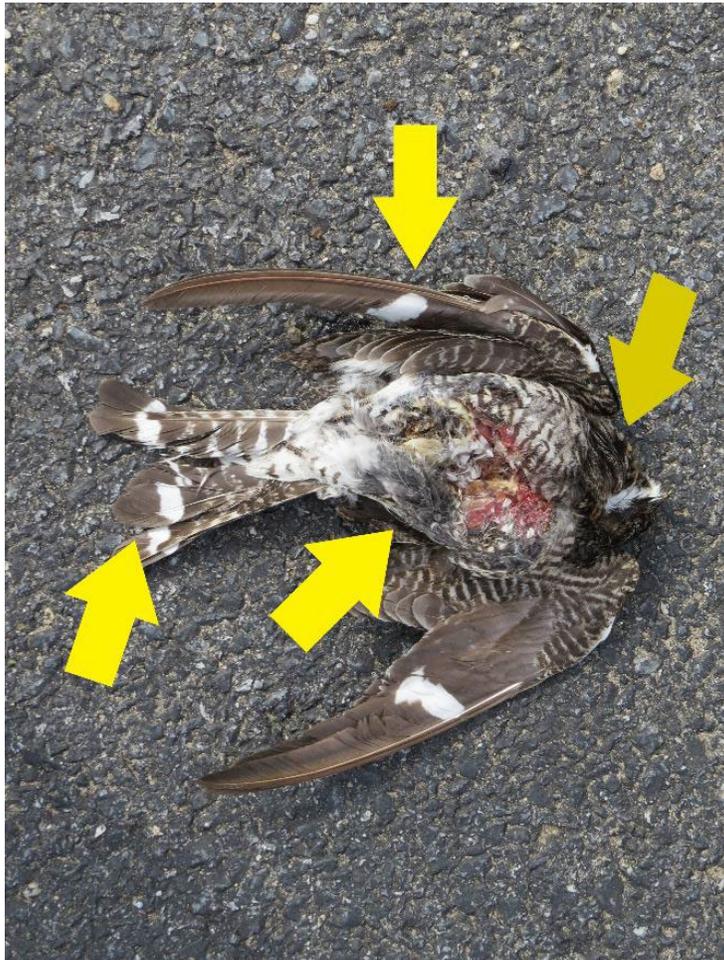
Whole feathers – 1 day

DNA - 6-10 days



Collecting Wildlife Remains

partial carcass/feathers



Snarge



Photo



Online reporting



Create Report

File online report :

- AFSAS/RMI for Air Force, Navy, & Marines
- FAA wildlife strike database for Civil aviation



Print

Print BASH Shipping Sheet or Wildlife Strike Report form

- Be sure the **QR barcode** at top right corner is included



Contact info

Include contact info on report and you are set up for auto-notifications when identification is complete



FAA/Civil aviation : <https://wildlife.faa.gov/home>
USAF/USN/USMC: <https://afsas.safety.af.mil/Home.do>

Two address dilemma

US Postal Service*

Smithsonian Institution
Feather Identification Lab
E-600, MRC 116
PO Box 37012
Washington, D.C. 20013-7012

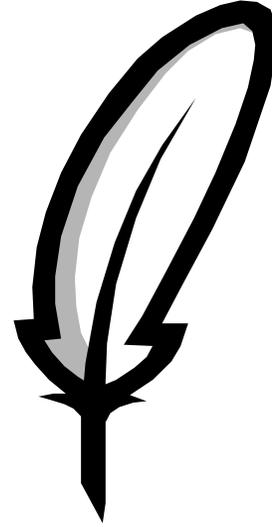
Courier / Shipping (FedEx, UPS, DHL, etc)

Smithsonian Institution
Feather Identification Lab
E-600, MRC 116
10th & Constitution Ave., NW**
Washington, D.C. 20560

We recommend sending all damaging/high profile via a trackable service, preferably an overnight courier.

*US Postal Service mail sent to street address is irradiated

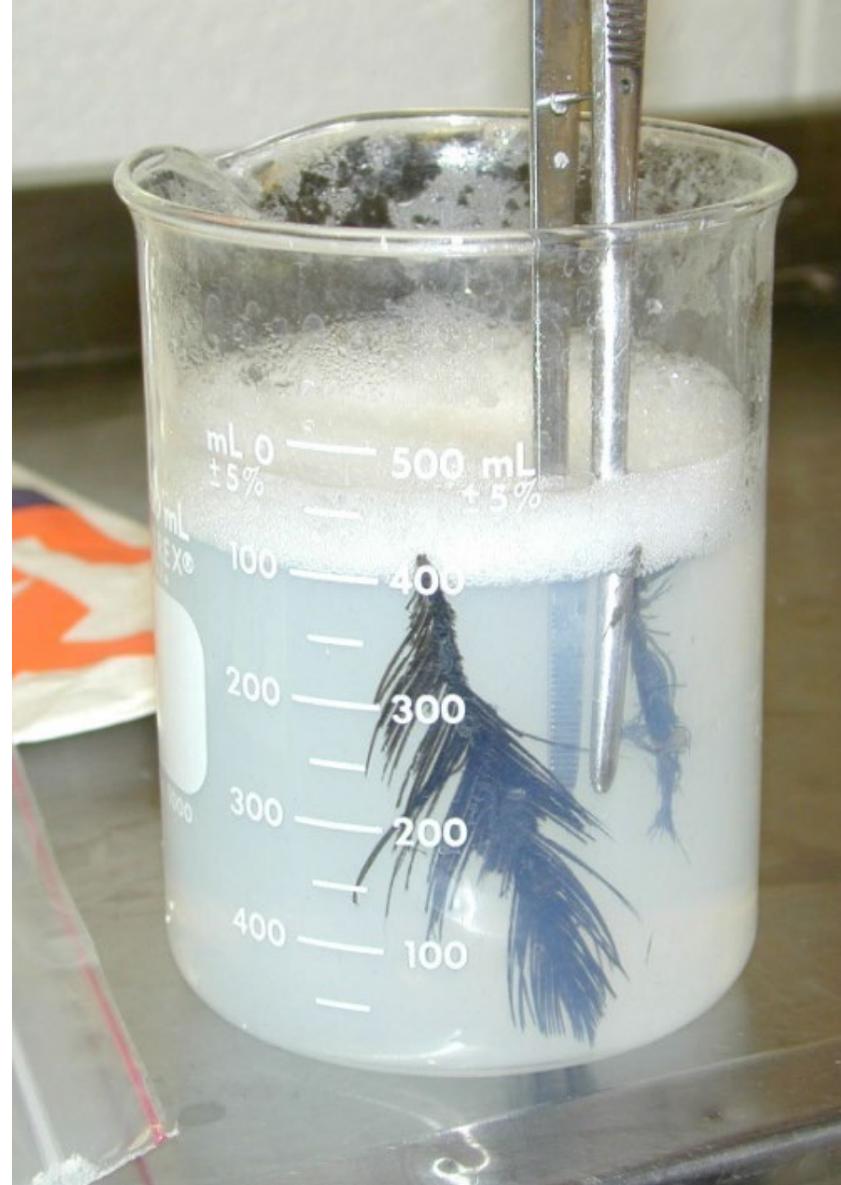
**Google Maps location use 1000 Constitution Ave, NW



Photo



Morphology

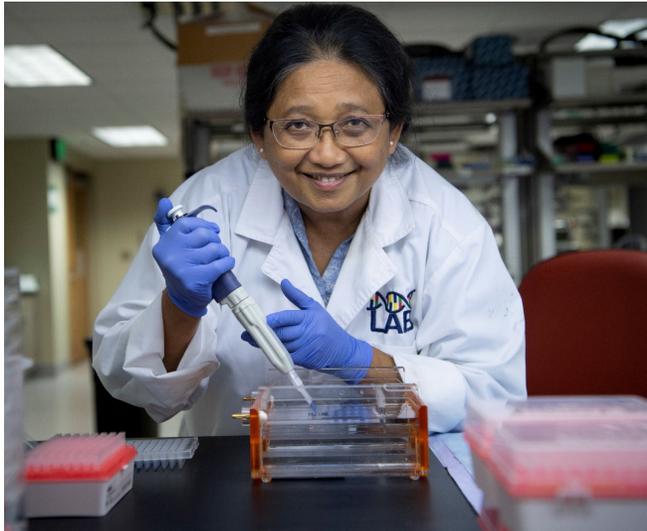


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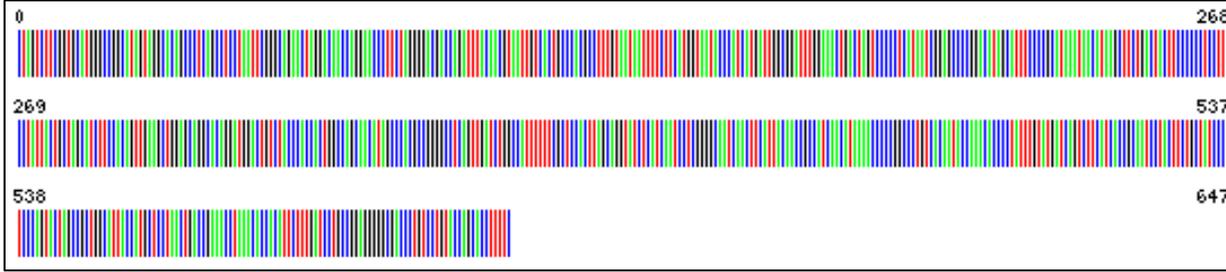


Molecular

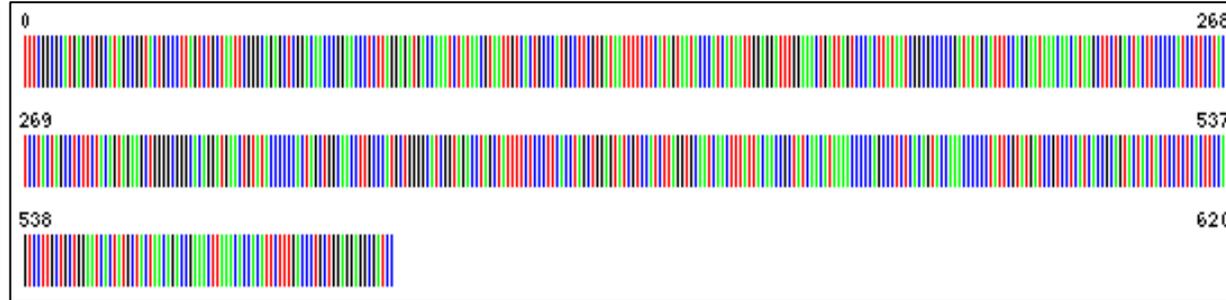


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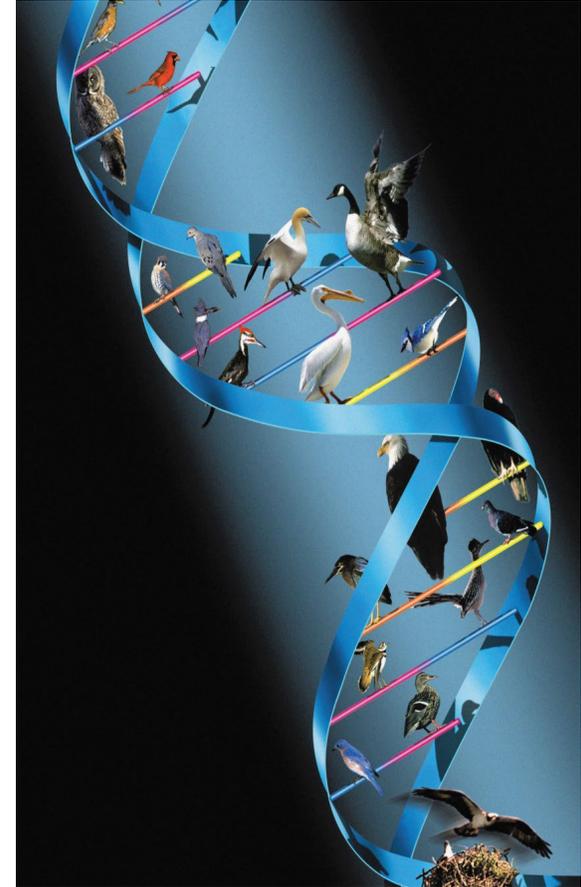
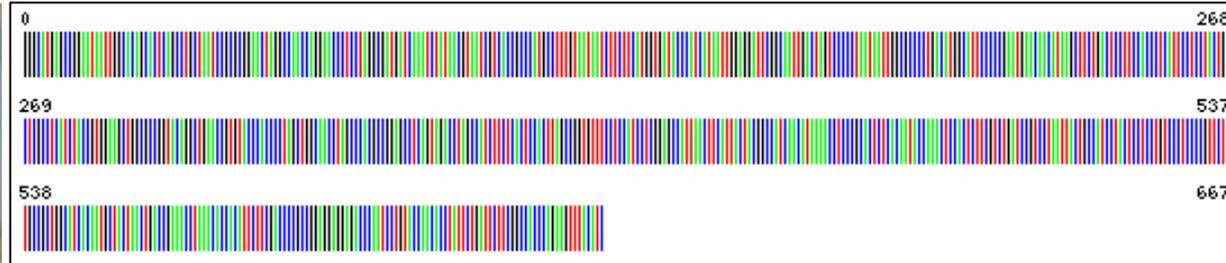
Barn Owl



Turkey Vulture

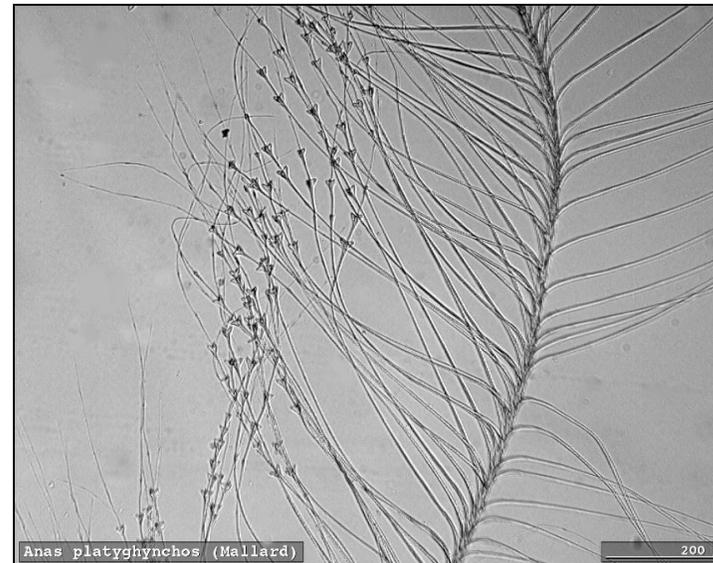
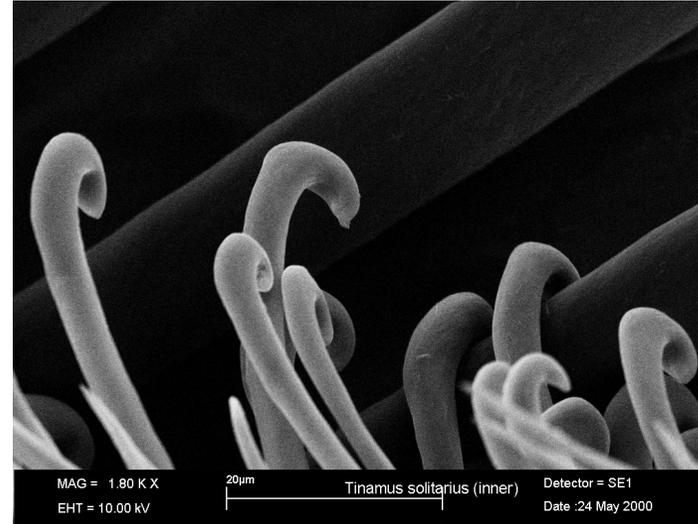
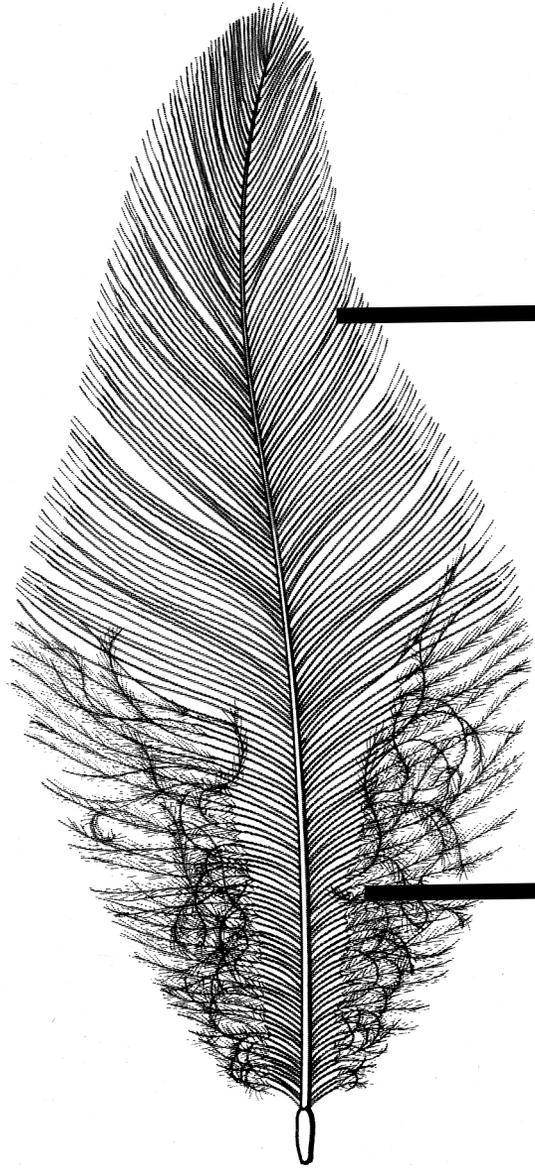


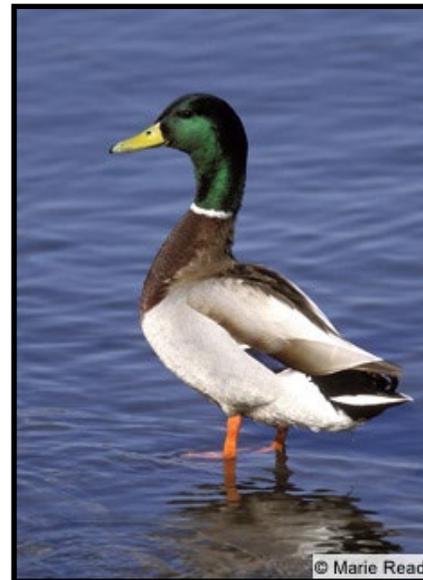
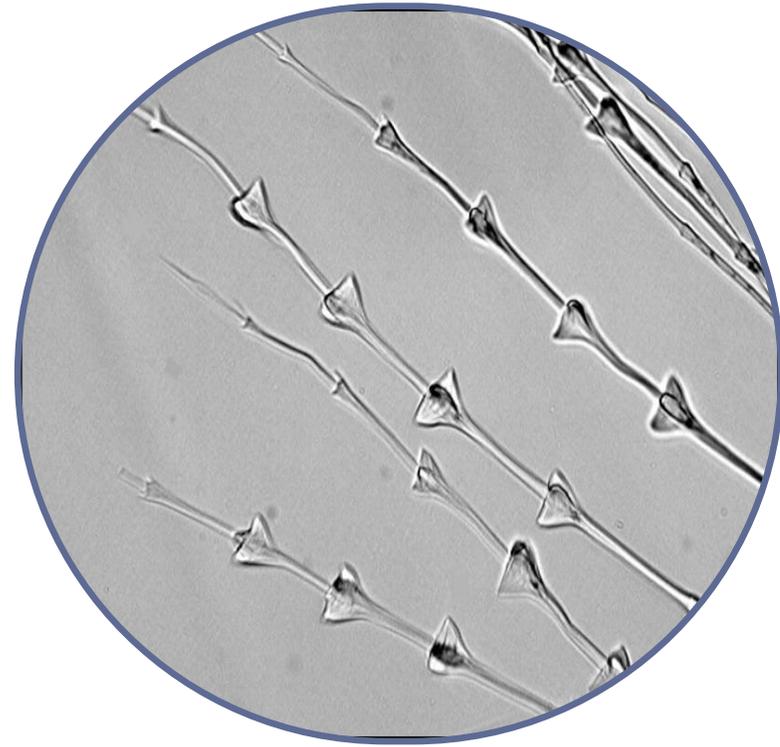
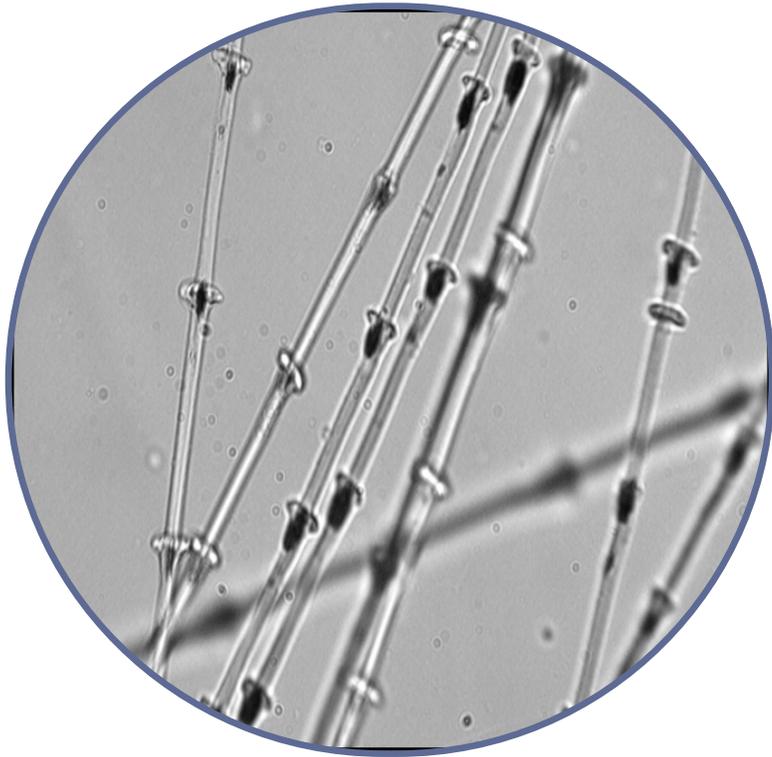
Wood Duck



Microscopic









Thanks!