



UNIQUE APPROACHES TO PACKING LOANS

VERTEBRATE PALEONTOLOGICAL COLLECTIONS

ADRIENNE STROUP

FIELD MUSEUM OF NATURAL HISTORY





THE FIELD MUSEUM'S VERTEBRATE PALEONTOLOGICAL COLLECTION

THE BIG AND SMALL OF IT







Tyrannosaurus rex "SUE"

TYRANNOSAURUS REX

Share your SUE selfie
#SUEonTheMove
#FieldMembersNight

Tyrannosaurus rex

R. rex ISCHIUM





9 ft. long rib of *Brachiosaurus*



7 mm long partial maxilla of *Perasciuravus*



HOLOTYPE
 PF 8344 Field Museum of Natural History
Pipiscius zangerli Bardack and Richardson 1977
 concretion: part and counterpart
 Geology: Pennsylvanian, Middle Pennsylvanian, Westphalian D/Dersimonian,
 Carbonate Formation, Francis Creek shale
 Geography: USA, Illinois, Will or Kankakee County, Pitt 11, Peabody Coal
 Company, Northern Mine
 Remarks: Desc'd and fig'd by D. Bardack and E.S. Richardson, 1977, *Friedlana*
Gesell., Vol. 33 (26): 489-510. Desc'd on p. 490, p. 493, 494, 495.
 Figured in Figs. 3, 4, 5.



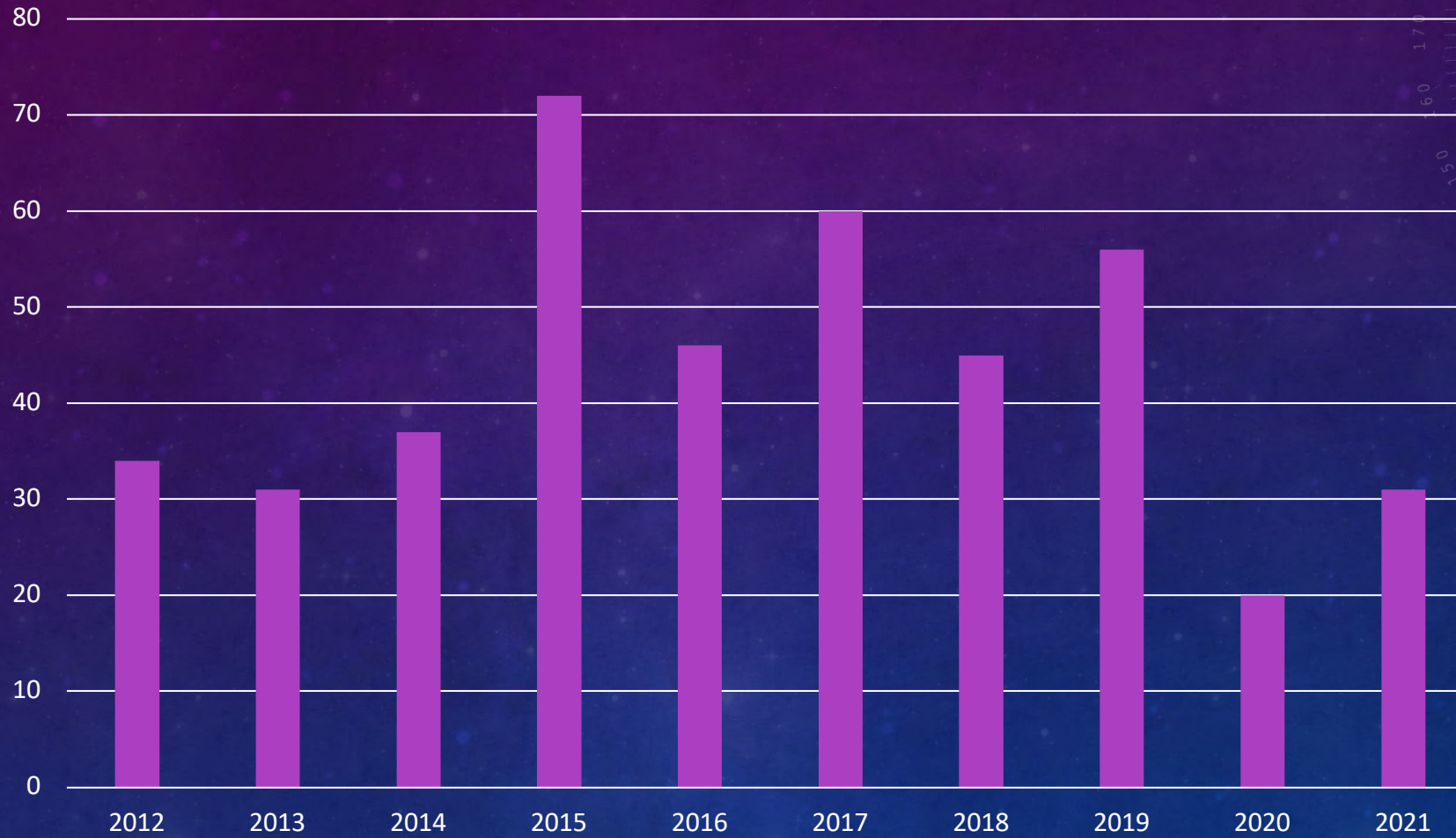
PM 3876 invoice G-11742



P 25264 Field Museum of Natural History
 Stenonyx
 Skull, jaws, skeleton
 E Miocene
 Formation: Harrison Fm.
 Nebraska Sioux Co.
 Locality: Agate Springs



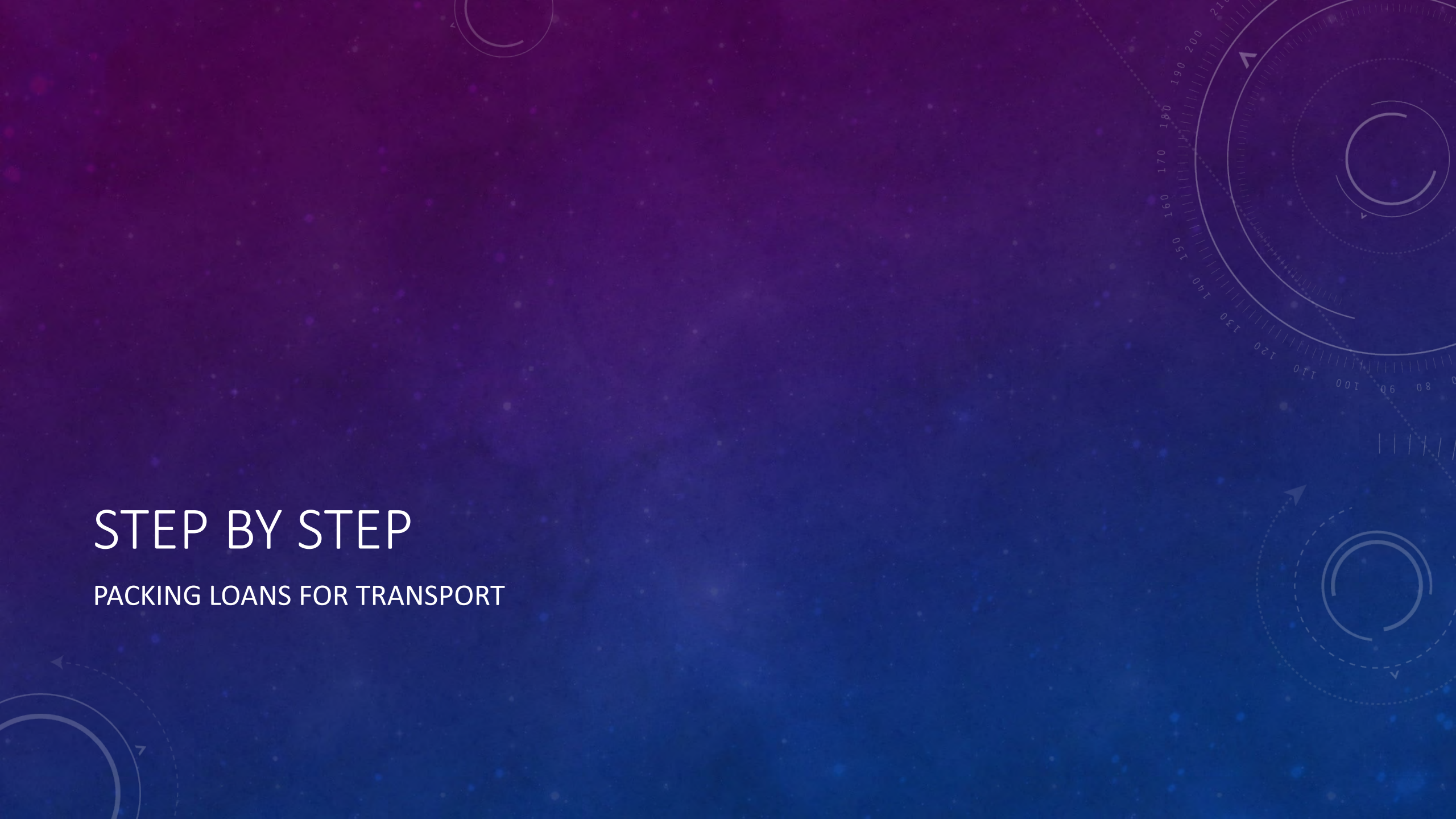
Outgoing Loans per Year



The year I started managing the loan program

STEP BY STEP

PACKING LOANS FOR TRANSPORT



STEP 1

Invoice the specimens to be loaned

FIELD MUSEUM OF NATURAL HISTORY
CHICAGO, ILLINOIS 60606, U.S.A.

INVOICE OF SPECIMENS

OUR INVOICE NO. **G- 12220** SHIPPED: **Mar 9, 2022**

YOUR INVOICE NO. **6477 267-0895**

APPROVED: *[Signature]* Mar 8, 2022 AUTHORIZED: *[Signature]* Mar 9, 2022

Loan ID: **National Museum of Natural History Smithsonian Institution MRC 121, P.O. Box 37012 Washington, D.C. 20013-7012 USA**

Shipping options: FIRST CLASS, REGISTERED, PRIORITY MAIL, REGISTERED MAIL, AIR FREIGHT, SPECIAL, UPS, PREPAID, FEDERAL EXPRESS, HAND CARRIED BY: OTHER: INSURED, REGISTERED, SPECIAL, PREPAID, HAND CARRIED BY: OTHER:

PR	Specimen Name	Description
PR 1011	Obolomyza	nearly complete articulated specimen preserved in part and counterpart in alcohol: 2 pieces
PR 1062	Polonia	nearly complete specimen, lacking tail of tail, preserved in part and counterpart in alcohol: 2 pieces
PR 1153	Ptilerhynchus macrotarsus	nearly complete specimen exposed preserved in part and counterpart in alcohol: 2 pieces
PR 1158	Eurostocheilus	nearly complete articulated specimen preserved in part and counterpart in alcohol: 2 pieces
PR 1799	Amphibalanus grandiceps	21 complete & 2 partial articulated cranidia preserved in alcohol: 2 pieces
PR 1971	Amphibalanus macrotarsus	RTV silicone cast of AMNH 11126, skull & most of the postorbital: 1 piece
PR 4202	Amphibalanus	RTV epoxy cast of specimen: 1 piece
PR 4205	Obolomyza	nearly complete specimen exposed in ventral view, preserved in part and counterpart in alcohol: 1 piece
PR 4955	Obolomyza	complete specimen exposed dorsally, preserved in part and counterpart in alcohol: 2 pieces
PR 5061	Obolomyza	complete articulated specimen preserved in alcohol: 2 pieces

LOAN TERMS

Terms of Loan: Loan will require P&H or freight or other charges to be returned by hand carry. Loan will require P&H or freight or other charges to be returned by hand carry.

TERMS

Tracking # _____

Door Pass - Return to: Geological Collections

Signature: _____ Date: _____

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STEP 2

Photograph the specimens

- Use a scale bar
- Make sure the specimen tag is visible
- Dark background is best
- Cell phones are ideal for this type of photography



STEP 3

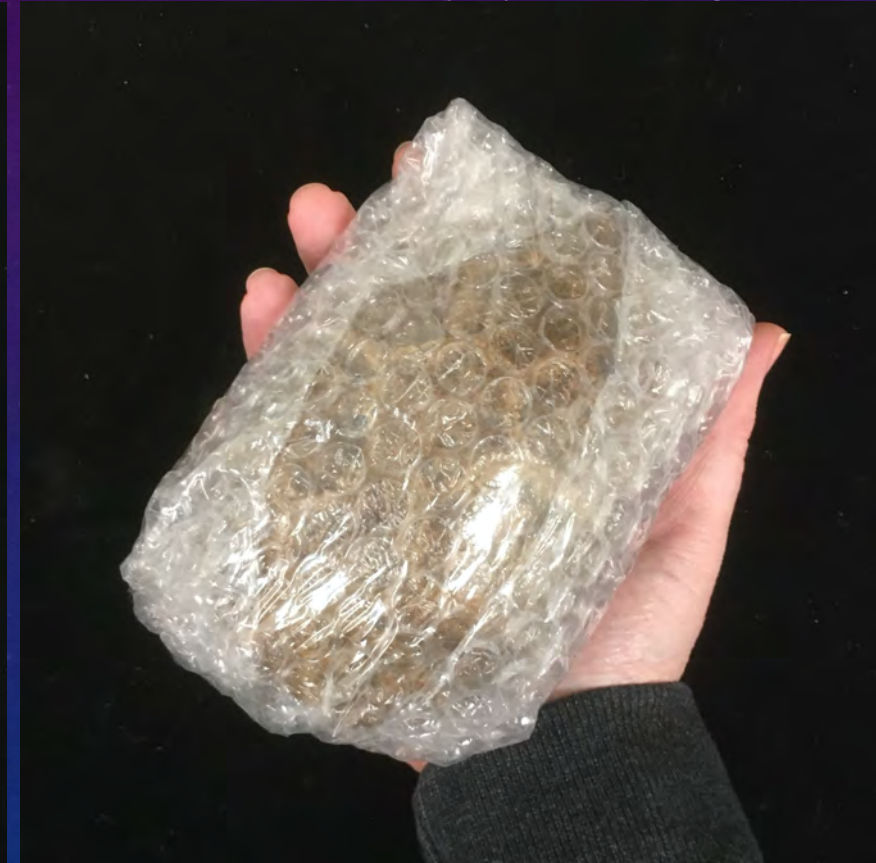
Place each piece in Ziploc bag



STEP 4

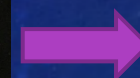
Wrap in your choice of padding

- polyester batting
- bubble wrap



STEP 4

Wrap then bag, or vice versa



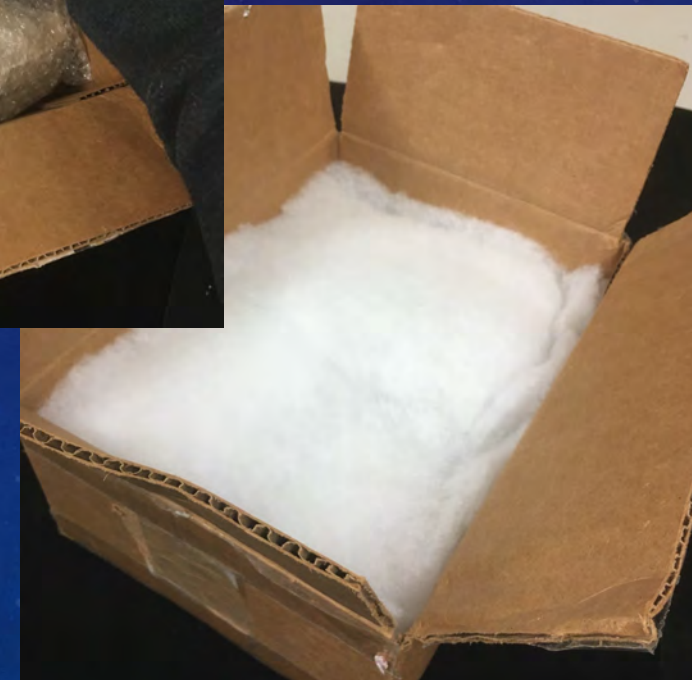
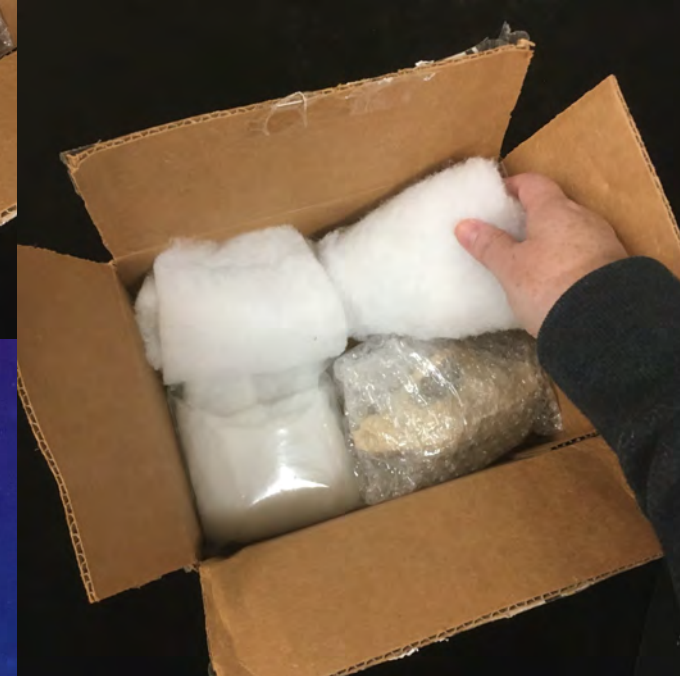
STEP 5

Place specimens in box



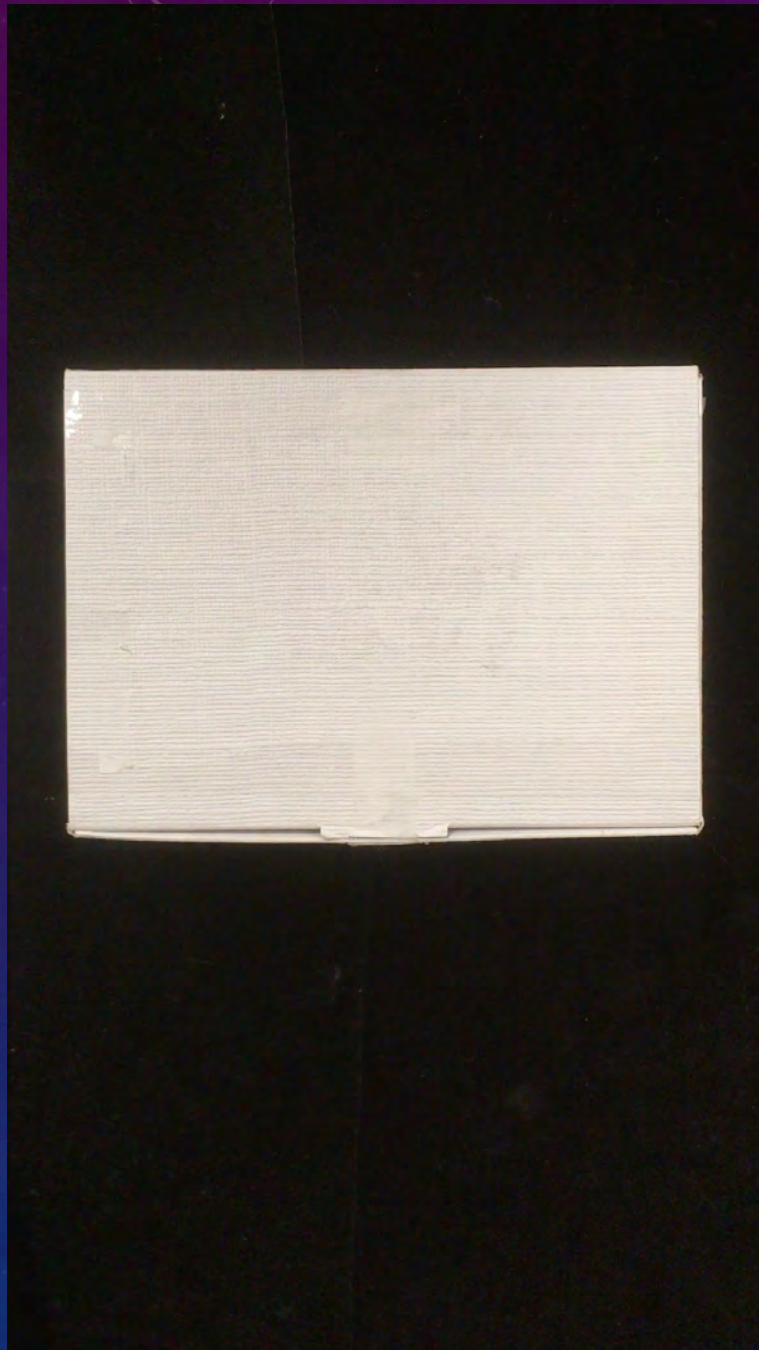
STEP 6

Add more padding to fill any remaining open spaces



STEP 7

The shift test



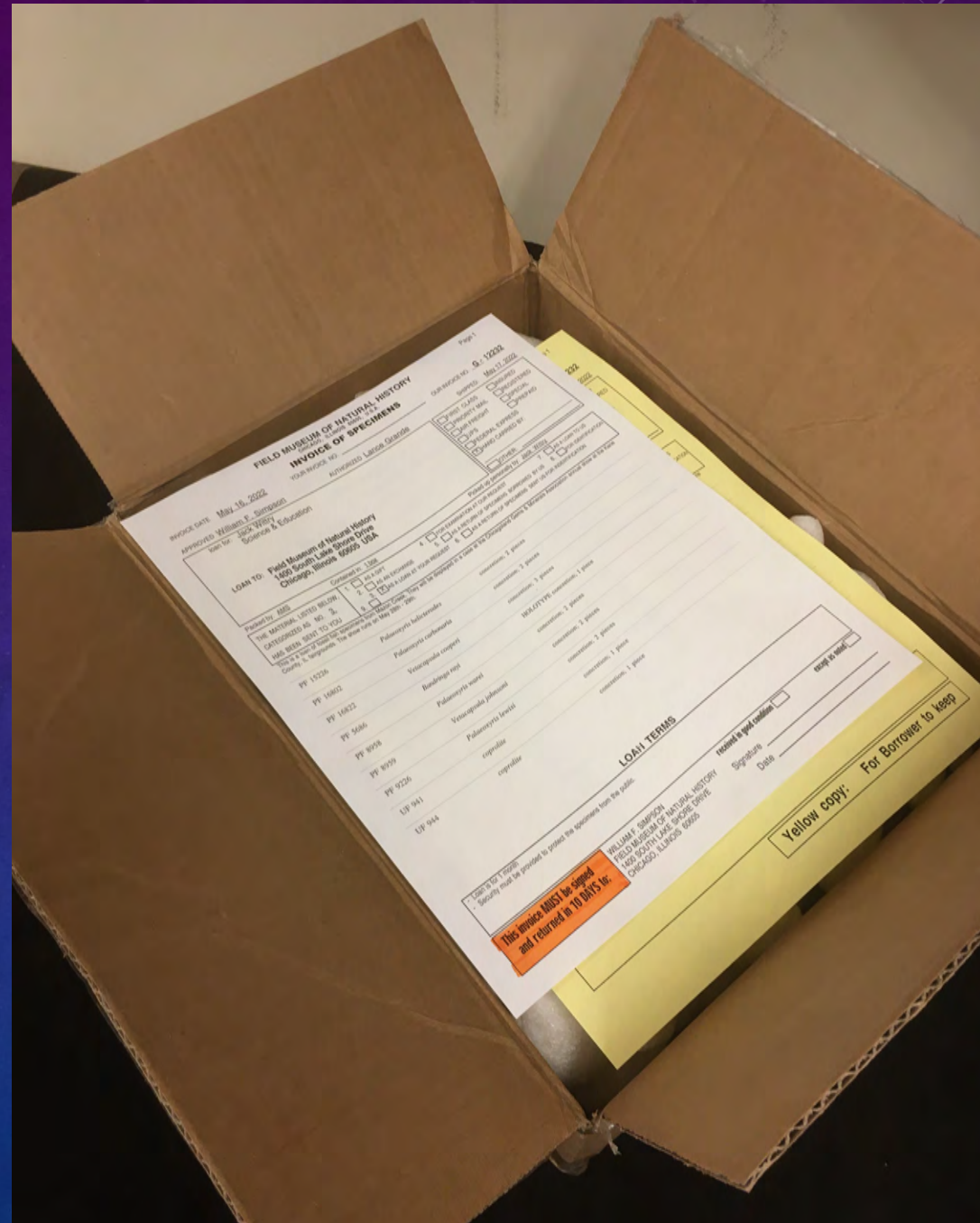
STEP 8

Seal the box, nest it in larger box with room to surround all sides with packing peanuts.



STEP 9

Include paperwork – should be the first thing seen when opening the box



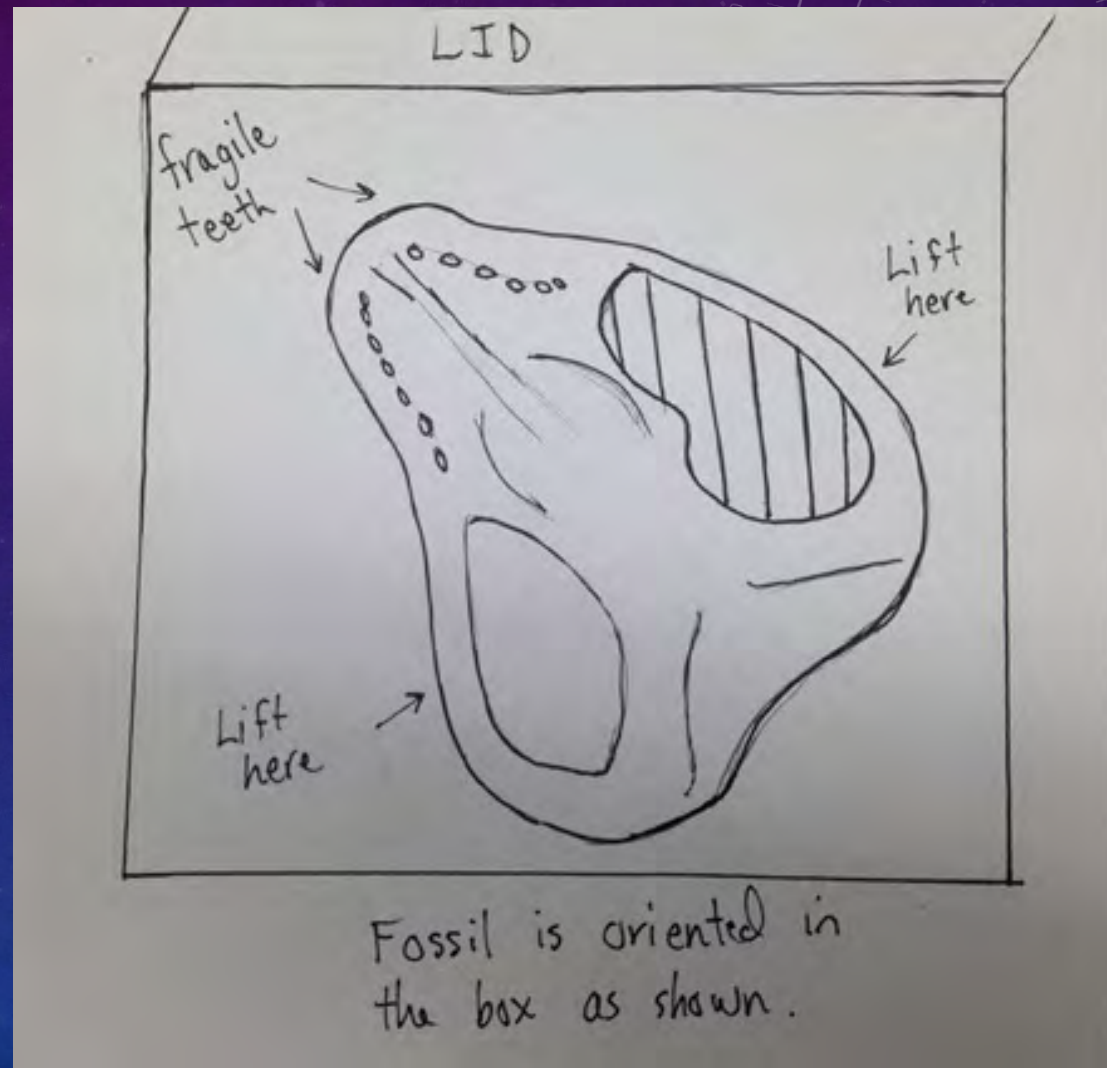
STEP 10

Ship it!



TIPS & TRICKS FOR UNIQUE CHALLENGES

The background features a blue gradient with a field of white dots. Faint, semi-transparent circular patterns are scattered across the image, including a large circular scale on the right side with numerical markings from 80 to 210, and several smaller circular outlines with arrows indicating direction.

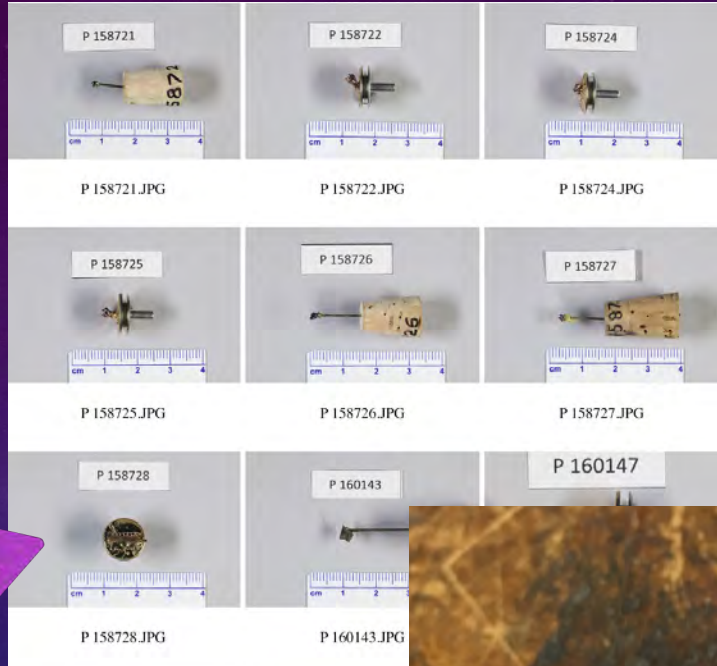


Fossil is oriented in the box as shown.



The Packing Room

FMNH Invoiced-in #	Catalog number (prefix P)	Locality	FMNH Return Invoice #
G-3772	Smeaton material (9 pack)	Smeaton	some located, still searching
G-3935	23160	Coimadai	G-9408
G-3935	23161	Coimadai	G-9408
G-3935	23162	Coimadai	confirmed as returned but invoic
G-3935	23163	Coimadai	G-9408
G-3935	23164	Coimadai	G-9408
G-3935	23165	Coimadai	G-9408
G-3935	23166	Coimadai	G-9408
G-3935	23167	Coimadai	G-9408
G-3935	23168	Coimadai	G-9408
G-3935	23169	Coimadai	G-9408
G-3935	23170	Coimadai	G-9408
G-3935	23171	Coimadai	G-9408
G-3935	23172	Coimadai	G-9408
G-3935	23173	Coimadai	G-9408
G-3935	23174	Coimadai	G-9408
G-3935	23175	Coimadai	G-9408
G-3935	23176	Coimadai	G-9408
G-3935	23177	Coimadai	G-9408
G-3935	23197	Coimadai	G-9408
G-3935	23219	Coimadai (poss	G-9408
G-3935	14121	Limeburner's Po	
G-3935	23236-7	Limeburner's Po	



Gold plated Bandicoot teeth mounted on SEM stubs







Luangwa Basin Project 2018

Madumabisa Mudstone Formation
Upper Permian

Large Gorgonopsid
skull w/ LWS

Specimen #: NHCC LB936
 L424
Locality: T101
Field #: T101

Luangwa Basin Project

~~Upper Madumabisa~~
~~Ntawere Em.~~ mudstone
Middle Triassic
Permian

Gorgonopsid
Partial skull

Specimen #: NHCC LB936
 L425 L424
Locality: T101
Field #: T101
Year: 2018

Thank you!

