INVENTORY OF ROCK, MINERAL, FOSSIL, AND ARCHAEOLOGICAL
SPECIMENS CONTAINED IN STORAGE IN
ATTIC OF WORKINGMEN'S INSTITUTE
NEW HARMONY, INDIANA

Prepared by A. S. Horowitz, N. G. Lane,
J. B. Patton, C. B. Rexroad
Indiana University and Indiana Geological Survey
Bloomington, Indiana 47401

May 5-6, 1976
EXPLANATORY COMMENTS

Boxes 1-31 are in east room of attic and are numbered as indicated below. Contents of one cabinet of drawers, numbered as indicated below, is on west wall just inside door of east room. Boxes 32-67 are in the west room of the attic, numbered as indicated below.

We believe the bulk of the materials inventoried are from the E. T. Cox Collection. However, numerous small donations from residents of the New Harmony area and larger collections made by Caldwell, James Sampson, and Thomas Say may be included in the materials.

We found much of the Cox Collection packed in newspapers dating from 1879-1882. The papers were from Tucson, Arizona; Cincinnati, Ohio; and from Indiana. Many of the fresh-water clams are labeled as to locality but without date. Mrs. Fleming believes that sunburst labels with red boarders are part of the Say Collection. Apparently a portion of the Cox Collection was numbered and wrapped in 1961 newspapers when materials were moved from cabinets on the second floor to the attic about that time. These specimens are in small brown paper bags, usually with red numbers prefixed by a "P". We found two holotypes illustrated by Cox (1857), and otherwise unlabeled, in this material as well as topotypic material from Cox's original collecting sites.

This inventory represents a rough listing of the contents 67 boxes of packed specimens and one cabinet that was accomplished in two days. The listed contents include both identifications that we made as the material was unpacked and repacked, as well as identifications taken from old labels. Thus, some of the names are out-of-date, and the listings may be somewhat whimsical in matters of punctuation and capitalization.
INVENTORY

Box 1

22 Indian hand axes, grinding balls, and pestles (2 pestles, 10 hand axes: 1 piece of core, 1 fragment peace pipe)
2 fossil wood specimens
5 misc. labels dated 1930's and 1940's

Box 2

8 axe and hatchet heads
1½ grinding balls
1 amulet stone
1 chert cobble
1 slab of limestone with Archimedes
1 silicate mineral specimen
9 small valves of clam (? Clinocardium)
1 carved claystone specimen

Box 3

5 terrapin shells
1 Penn. fern slab
4 specimens fluorite
3 Recent mollusks
1 baculite
1 large Placenticeras
1 recent coral
1 stromatoporoid (glacial pebble)
1 Birdseye Ls., Ky.
1 moonstone, Calif.
1 favositid
1 Rafinesquina (brachial valve)
1 "Indian Paint Pot"
1 petrified wood
1 horn coral
1 ? tremolite
1 bottle encrusted by barnacles
1 "artificial slate" sample
ca. 10 chunks of kaolinite
1 specimen phosphate (Cox label)
ca. 100 miscellaneous rocks and shells

Box 4

ca. 80 fresh water pelecypods, wrapped in newspapers from Arizona in 1880
Box 5

87 thin-shelled green *Unio*, Recent; newspapers from 1879; Tuscon, Ariz.
and Cincinnati, Ohio
2 *Clinocardium* - Recent
32 large heavy shelled unios, ornamented and unornamented (3 or 4 species) - Recent

Box 6

Large slabs of fossils
1 Ordovician slab with *Orthoceras*
1 Log fossil wood - 2 *Callixylon*
1 favositid
1 Devonian Falls of Ohio Corals
1 *Sigillaria* casts
2 Indian grinding stones (mortars)
2 *Calamites* impression
1 septarian concretion
1 rock with egg-shaped depressions
1 novaculite
1 obscure rock with plant fossils
1 stone axe with modern handle
1 granite pestle
2 calcareous tufa
1 axe head
1 slab stylolites
2 bricks from Rappite Building
1 broken axe head
1 pith cast
1 chunk of channel coal
½ metate
1 rock with oysters
2 sandstone casts of plant materials
2 petrified wood
1 fragment igneous boulder
1 dried coconut
1 small favositid
1 small limestone block
1 fenestellid limestone (Miss.)
1 iron ore

Box 7

1 clam
49 terrapins - newspaper with Nov. 15, 1878 label, Cincinnati Enquirer

Box 8

2 American Flags
Box 9

6 sheets of muscovite
1 rusted cultivating hoe
1 Clinocardium
1 granite pestle
1 fossil wood
3 fluorite
1 lemon (dried)
1 small axe head
1 spear head
1 slab Pecopteris
1 minie ball

Box 10

1 Dolomite, Bitters Path, Tyrol
1 Phosphate of lead, Wheatley Mine, Pa.
1 heavy spar, Hadden, Conn.
1 Spodumene, Sweden
1 Boracic, Liparish Island
1 Dolomite, Carb., Hauy
1 Elaeolite, Magnet Cove, Ark.
1 Lithographic Stone, Solenhofen
1 Prismatic sulphur, Crakow (Czarkow)
1 Natrolite
1 Alum stone, Hungary (Ungarn)
1 Goldstone (synthetic), Vienna, Austria
1 Silver Ore, Santa Rita, Ariz.
1 Granular Gypsum,
1 unlabeled calcite
1 Gold telluride ore, Sunshine Mine, Boulder, Colo.
1 slag, unlabeled
1 Spherosiderite (Brown Spar)
1 Gypsum, N. Mex.
1 asbestos and serpentine, unlabeled
3 unidentified specimens

Box 11

2 roots
4 cups Eucalyptocrinites
1 crown
10 Pentremites
1 Zeacrinites
1 Conocardium
1 bellerophonid
1 productid
1 Conostichus
2 Palaeacis
Box 11 (Cont'd)

1 Actinocrinites radial plate
2 trilobites
1 bryozoan (Chaetetes mammilaris)
1 spirifer
1 Tourmaline
2 moss agate
1 chert lump
1 Batocrinus christyi

Box 12

1 Fluorspar, Germany
1 Fluorspar, Ky.
1 Borate
1 Gypsum, locality unknown
1 657
2 fossils, 1 brach, 1 echinoid
1 aragonite
1 shot iron ore, Ky.
1 Stalactite, Adelbart, Germany
2 Muscovite, no label
1 Native Copper, N. Mex.
1 Dogtooth spar
1 Gold Quartz, Genl. Grant ?, Ariz.
2 Galena, no label
1 Celestite, Tyrol
1 drusy quartz
1 large tourmaline block, no label
1 Selenite, no label
1 Fibrous Gypsum, Berlin
1 rock, no label
1 hard trachyite, above Copper ore
1 Anhydrite, Tyrol
1 Asphalt, Labsan, Lower Rhine
1 8x9, ? Cancrinite
1 Iron ore, Mexico
2 1 small box polished stones (4); 1 other specimen
1 Halite
1 altered igneous rock
4 malachite, no label
1 bryozoan, no label
1 Agate, N. Mex.
1 pisolite, Germany
1 granite, N. Mex.
1 Galena, no label
1 Datilite, Bergen Hill, N.J.
1 ? Pitchblende, Maine
2 Scoria, no label
1 Sandy iron ore, Ky.
Box 12 (Cont'd)

1 compact heavy spar
1 native copper, Lake Superior
1 Keuper marl, Bamberg
1 Argile lithomage
1 Silver ore, Sonora, Mexico
1 Barite, no loc.
1 Sylvite, no label
1 Stephanie Silver Mine, Oregon Mtns., N. Mex.
1 Conus
1 Glaucnite (908, Krantz)
1 Mountain cork, Italy
1 Jemez, N. Mex.
1 Gypsum, no loc.
1 Tourmaline, no label
1 Galena w/Smithsonite, Yellville, Ark.
1 Scalenoedral Quartz, no label
1 Emery, Turkey
1 Hanover Copper Mine, N. Mex.
1 double twinning gypsum
1 copper pyrites, Arizona
1 Argentiiferous Galena, Ill.
1 Gypsum, Fort Dodge, Webster Co., Iowa
1 Strontianite on Barite, Caluthal, Germany
1 iron ore, Greenup Co., Ky.
1 Feldspar, New Hampshire
1 Sandstone w/blackjack sulphurette of zinc
1 Stearolite, St. Quinper, Britain
1 Malachite, no label
1 Cleavelandite in feldspar
1 block of brachiopods
1 Prolecites lyconi, no label
1 Fluorspar, Rosiclare, Ill.
1 Fluorspar, no label
1 Brown Limestone, Ind.
1 wood opal, Colo.
1 Malachite, N. Mex.
1 Mountain cork, Italy
1 Apatite, no loc.
1 granite top of Mtn. east of Santa Fe
1 gold-bearing quartz,
1 St. Louis mine, St. Pedro, Ariz.
1 tourmaline, no label
2 Pavirosites, no label
1 Silver ore, La Barranca, Sonova, Mex.
1 Pumice, Vesuvius
1 plastercast of Ammonite
2 claystone, no label
1 Penn. plant, no label
2 emery, Turkey
1 Smokey Quartz, Alps
Box 12 (Cont'd)

1 redshale
1 Greenstone (decomposed), Sante Fe, N. Mex.
1 46, Smithsonite
1 Malachite, Santa Rita, N. Mex.
1 cast of copper on coalshale, N. Mex.
1 ore sample, Santa Rita mine, Ariz.

Box 13

1 Inoceramus, no label
1 brevicone cephalopod
1 green tourmaline
1 Fluorite, Hardin Co., Ill.
1 Millstone Grit, above Copper ore, Jemez, N. Mex.
1 trilobite, Still Water
1 Galena, no data
1 Scoria, no label
1 fluorspar, no label
1 productid, no label
1 coral, no label
1 tourmaline, no label
1 talc, geo., no label
1 nautiloid cephalopod, no label
1 Gypsum, no label
1 Chalcedony, near Sante Fe, N. Mex.
1 brevicone, no label
2 favid corals, recent
1 white marble
1 Syringostroma ponderosa gift, Devon, W.J.S. Cornell
1 Washita Novaculite, Hot Springs, Ark.
4 Penn., brachs
1 No. 1, from Bill Williams mine, about 20 miles S. of Percote, N. Mex.
1 Ehidalite, Tyrol
1 magnetic iron ore, N. Mex.
1 Moro copper ore, N. Mex.
1 Penn. clam, ? Wilkingia ?
2 Composita, no label
1 Platystrophia, no label
1 Productid, no label
2 Leiorynchus, no label
1 metal box of casts and molds, Tertiary mollusks, no label
1 small box polished stones, no label
1 fluorite, Europe
1 azurite, no label
2 Diaphragmus, no label
1 Hanover Cu mines, N. Mex.
1 Hanover Fe ore, N. Mex.
1 Basalt, Raton Pass, N. Mex.
1 Vermont, Cu pyrites
Box 13 (cont'd)

1 Emery
1 Spodumere, N. Carolina
1 Magdalene Canyon, N. Mex.
1 Azurite, Abicelli Cu mine, N. Mex
1 Tourmaline, warm Spring Hill, near Ojo Calientes, Montrose Co., N. Mex.
1 Point of rocks, Cornado, N. Mex.
1 Galena in cerussite, no label
1 Oliva
1 Spirifer increbescens
1 Pterinid, no label
1 Platystoma, no label
1 Scoria, no label
12 misc. rocks (bag)
2 Neuropteris slabs
17 misc. rocks (bag)
1 L3, Productid, no label
1 Leiorhynchus, no label
1 Spirifer, no label
1 bag, 10 misc. rocks
1 gastropod cast
1 Titanium ore, Magnet Cove, Ark.
1 bag, 9 rocks misc.
1 bag, 35 misc. rocks
1 Quartz crystal w/copper
1 travertine, no label
1 conglomerate, no label
1 hornblende, Hoboken, N.J.
2 obsidian, no label
1 Leptaena, no label
1 snail, no label
1 3, misc. rocks
18 misc. rocks
1 opal in hematite, no label
5 bag, misc. rocks
1 azurite, no label
2 misc. rocks, no label, Italy
1 Granite with scham (Tourmaline)
1 Scalenohedral quartz, no label
1 broken quartz pebble, no label
1 pyrite, pyritohedrons, no label
2 misc. rocks, no label
3 chunks clay stone, no label
1 echinoid, no label
2 small misc. rocks

Box 14

91 Clinocardium valves
453 Unio valves (72, 67, 55, 16, 122, 121)
1 oyster
Box 14 (cont'd)

55 Unios
8 Unios
8 snails
2 snails

Box 15

1 Aragonite, Magnet Cove, Arkansas
1 Claystone
1 Tertiary Colonial Coral
1 Scalenohedral Quartz
1 Large spec. of rose quartz, Conn.
152 Freshwater snails
1 Mixed Lot Fossils, 30 specimens (Tertiary-Paleozoic)
2 Crinoid stems
4 Brachiopods
1 Block Graphite
2 Coscinium escharense, Falls of the Ohio
3 Pentremites + 1
3 Semicoscinium rhombidium, Falls of the Ohio
1 Brach + 3 solitary corals, Ordovician
1 Platystrophia ponderosa
3 Bellerophonid gastropods, B. unicus, Butler Co., Ky. Mt. Limestone
1 Box selenite
1 Strotoocrinus, Burlington Ls.
5 Composita
1 Rock crystal, Alabama
9 Misc. Brachiopods
124 Pulmonate gastropods
1 vial Metallic Arsenic
1 vial titanic acid, Arkansas
1 vial Zircon
1 vial misc. w/no label
1 Unio + 1
2 Fenestella hemitrypa, Falls of Ohio
2 lower molars of Equus (Modern)
226 Unionids
3 agate specimens
1 Mammal tooth
7 Agassizocrinus infrabasal cones
1 Big Athyris
1 Philodictya gilberti Meek Falls of the Ohio
1 small box of misc. unlabeled fossils (coral, crinoid stem, Spirifer Leidy)
1 sharks tooth
7 Fenestrella
17 Misc. fossils
1 box w/5 misc. fossils
4 Fenesstrate Bryozoans
1 Silver ore, Mexico
1 unidentified crystal
2 Foliate Bryozoans
2 brachiopods
1 bryozoan frond
2 chert, weathered
2 vials, silver-head grains, Pulaski Co., Ark.

Box 16
Misc. glass and metal laboratory equipment

Box 17
Dr. James Caldwell collection; all wrapped; one opened box contained land snails, recent

Box 18
? Caldwell Collection, box of wrapped recent mollusks

Box 19
? Caldwell Collection, box of wrapped recent mollusks

Box 20
? Cox Collection, ca. 1000 Unionids, + 3 fragments of recent cattle limb bone

Box 21
c.a. 200, Unionids; ? Cox Collection

Box 22
c.a. 150, Unionids; Cox Collection

Box 23
? Caldwell Collection, ca. 200 Unionids. Note: Caldwell Collection sometimes seems to have starburst labels w/names, red bordered

Box 24
? Caldwell Collection, ca. 350 Unionids
Box 25

? Caldwell Collection, ca. 500 Unionids

Box 26

1 small box full of Pennsylvanian invertebrate fossils probably from near New Harmony. Abundant Trepospîra also Composita, Pharkidonotus, Euphemîtes. About 600 specimens.

Box 27

Miscellaneous rocks and fossils, all ages, no labels, mostly hand specimen size

Box 28

? Cox Collection, unionids, ca. 900 specimens

Box 29

Mostly potsherds on top of misc. fossils; no labels

Box 30

1 large box Unionid freshwater pelecypods, ca. 600 specimens. ? Cox Collection. 1879 newspaper

Box 31

23 Miscellaneous Unionids

WEST WING - SOUTH WALL

Box 32

10 Recent marine gastropod and pelecypod shells. ca. 200 misc. rocks and fossils, none labelled. Sack of labels in box. All age-Cretaceous, Paleozoic

Box 33 (All wrapped in 1961 newspaper)

1 Trachyte, porphyry
1 Specular hematite
2 Misc. spec.
1 Hornblende
1 Fluorite, N. Mexico
1 Native Silver, Lake Superior, Princess Mine (removed to vault)
2 vials: 1) auriferous sand, Calif. (removed to vault)
   2) Recent shell debris (removed to vault)
1 Gold-bearing quartz, Calif. (removed to vault)
2 Gold-bearing quartz, ? Calif. (removed to vault)
1 Crystalline quartz
1 Fossil limestone w/drusy Calcite incrustations

Box 34

51 Recent both non-marine and marine pelecypods and gastropods packages mostly marine, few non-marine, no labels

Box 35 Rocks and Minerals

1 Mountain wood (asbestos) Bik Lake Mines, Quebec Prov. (140)
2 Chert specimens
1 Copper, lead, mangasite, Missouri
1 Silver ore (galena and sphalerite), and Copper ore (bornite), New Mexico
1 Gypsum
1 Augite
1 Pegmatite
5 corundum specimens
1 Mica, large sheet
1 iron ore, silicified quartz crystals, and hematite
1 pyritiferous peridotite
1 Conglomerate, sandbar, Wabash River, New Harmony
2 Scozia
2 Misc. stone
1 Silver Ore, Organ Mt., N. Mex.
1 *Syringostoma longa*, Jefferson Co., Ind., Coll. W. J. S. Cornett
1 Azurite
1 Calamine, Marion Co., Ark.
1 Claystone
1 Hornblende or Augite
1 Zinc Oxide and Quartz, Franklin Furnace, N.J.
1 Native Silver, LaDuva, Sonora, Mexico
10 Misc. rocks, no label
1 obsidian, no label
1 Iron ore, Missouri
1 948
1 Brimstone (Native sulfur)
1 Hornblende schist
1 Prehnite
2 black chert
1 quartz and Galena
1 Calcite
Quartz
Carbonate of copper, N. Mexico
Actinolite, Alameda Co., Colo.
Magnetite and Heavy spar.
Poryphyry below Saux River, Wis.
Tammen's Juvenile Rocky Mt. Cabinet of Minerals
Argentiferous lead ore (galena)
Stibnite, Sonora Mex.
Iron ore (hematite)
Iron ore, N. Mexico
Opal and Quartz
Hornblendite pebble, New Harmony cut-off
Traprock between seams of iron ore, Minnesota
Agate, Oberstein
A Decomposed rock

Fenestella
Kaolin, near San Jose, N. Mexico
Tenantite Silver Ore, Kellog Mine, Ark.
Oxide of titantium
Asbestos, Black Lake Mine, Quebec Prov. Canada
Oxide of iron, Pilot Knob, Mo.
Copper, N. Mexico
Nail head spar enclosing vein matter
Hornblende w/epidote, Maine
Pyrite (=? Marcsait)
Volcanic Scoria, Italy
Quartz and pyrite
Iron Bi-hydrogen, Darmstadt (in a bottle)
Molded lead bullets
Carbonate Nickel, Nevada
Grossularite
Azurite and Malachite
Microcosmic salt
Amethyst, N. Shore of Lake Superior
Zinc Blende (Sphalerite), Ill.
Pumice stone, crater of Vesuvius, Sept. 12, 1869
Miscellaneous stones
Shell Breccia, Key West, Fla.
Pyroxene, Kingsbridge
Native Gold, Grand Valley Calif. from Silver Valley Pt. (removed to vault)
Tenantite Silver Ore, Kellog Mine, Mo.
Bottle of Black Sand
Dog tooth spar
Dolomite
Fluorspar, near Elizabeth town, Ill.
Kaolin, Lawrence Co., Ind.
Native Copper in Spar, N. Mex.
Copper ore, N. Mex. (Carbonate, Malachite)
Galena, Wisc.
Copper ore, Pilot Knob, Mo.
Box 35 (cont'd)

1 Gerperite on quartz
1 Iron ore from Rolling Mill, at Indianapolis, ? Lake Superior Ore
1 Fossiliferous Ls, from Gail Scherzinger, New Harmony
1 Slag from Bellefonte Furnace, Greenup Co., Ky.
2 Azurite and Malachite
1 Basaltic hornblende, Granada, Spain
7 Ore molydenite in quartz, Altenberg in Saxony
1 Proustite, silver arsenic sulfide
1 Birdseye Limestone
1 Apatite
1 Limonite, Greenup Co., Ky., 835
1 Galena and calcite, Wisconsin
1 Pyrite
1 Chocololite, Pennsylvania
17 Malachites and Azurites
1 Nature Sulphur, Alameda Co., California
1 Spodumene and Quartz
1 Calcite, Magnet Cove, Arkansas
1 Quartz
1 Scoria, Vesurius, Italy
1 Porphyry, Igneous
1 Tremolite
1 Thallium mineral, described by Owen
1 lithographic limestone
2 Tourmaline and quartz
20 Misc. stones in box
1 brown egg-shaped stone
1 A lithichalcite (Green) on dessicated hematite
1 unknown green rock
1 859, Magnetite ore
1 Trachyte porphyry, Cascade Mtns.
2 1 ? Malacite; 1 regular hematite
1 2 Feldspar
1 2 Zeolite
1 Claystone porphyry, Doribinger Harrow

Box 36  500 unidentified rocks and minerals with no labels

1 hand axe
6 Galena
4 stones
6 stones
4 stones
7 stones

Box 37  500 unidentified rocks and minerals; no labels
Box 38

300 unidentified fossils and rocks, Penn. plants; *Exogyra*, recent coral

Box 39  Artifacts, Indian

1 pestle
1 adze from Joseph Leifer Farm near Mt. Carmel
1 axe
1 axe
1 axe
1 bowl w/beads in it
1 axe, from W. L. Stayten, Alka farm, near Mt. Carmel
1 broken bowl w/handle
1 small mended bowl
1 pestle
1 hoe
1 hoe, large pick
13 hoe
4 knives, 1 package
1 grinding stone
5 scrapers
1 spade, worn smooth on one edge
1 fire stone and grinding stone
1 arrow head
1 notched hoe

Box 40  Cox Collection, numbered – Has been combined with Box 47

P1  *Paleophycus*, New Harmony cut off (loadcasts)
P3  recent coral
P5  *Rynchotrema*
P7  *Rynchotrema*
P8  1 *Rynchotrema*
P9  *Rynchotrema*
P10  Ordov. brach
P11  *Rynchotrema*
P12  *Platycrinus planus*, Burlington, Ls, Burlington, Iowa, O & S from H. J. Wordmen
P13  7 Rafinesquinas
P14  *Nautilus decoratus*, Cox, Marion Co., Ky.
P15  *Calymene*
P17  Trilobite thorax
P18  *Echinocochus; Linopoductus*
P19  15 small clams, ? New Harmony cut off
P20  *Lepidodendron*
P21  1 *Archimedes* with frond
P21  *Sphenopteris spirosa*
P22  *Melonechinus*, St. Louis age, assorted Burlington crinoids
P23  *Platyrachella oweni*
P24  nautiloid, straight
Box 40 and 47 (cont'd)

P25 3 archimedes screws
P26 2 snails
P27 1 gastropod
P28 Neospirifer cameratus, Morten coal measures, Enterprise, Spencer Co., Ind.
P29 1 horn coral
P30 15 straight nautilusd
P31 Osterophyllites equisetiformis
P32 assorted small Penn. brachs
P33 Fern impressions
P34 Platystrophis
P35 Ordov. brach.
P36 Pentremites spicatus
P37 Gryphae
P39 Pentremites spicatus, ? Glen Dean
P40 Grewinkia, Ord. rugose coral
P41 large gastropod mold
P42 Lepidodendron
P43 ? fossil, Bristol, England
P45 Neuropteris
P46 Goniatite
P47 fish impression
P48 iron concretion
P49
P50 clam
P51 Phacops
P52 2 trilobites
P54 Calymene
P55 Nucleocrinus, Falls of Ohio
P57 Neuropteris, 2 pieces
P58 Endocrinus Limestone
P59 Ammonite, Alabama chalk
P59 Crawfordsville Taxocrinus
P60 Agaricocrinus; 1 camerate crinoid
P62 Cretaceous echinoid
P63 Sphenophyllum
P64 large Euomphalid snail, Carb, Ireland
P66 geodized crinoid stem
P67 2 trilobites
P70 Myalina pernaformis, no. 11 coal, Providence, Hopkins Co., Ky.
P71 geode; Glyptocrinus
P72 Uperocrinus
P73 Calymene
P74 crinoid stem
P75 trilobite pygidium
P76 Cryptoceras
P79 plant impressions, Pennsylvanian
P80 2, Penn, plant impressions
P80 fern impression
P82 Penn., pectin
P83 slab Rhynchoatrema
P84 fern impression
Box 40 and 47 (cont'd)

P85 2 neuropteris
P86 Lepidodendron
P88 1 Platycrinites
P89 15 Ordovician brachs
P90 Siphonocrinus
P91 4 Calymene
P93 3 specimens Lepidodendron
P95 fern impression
P96 Paleozoic pygidium (late)
P98 Coiled late Paleozoic nutiloid
P99 Ord. brachs
P100 12 fragments Mooreoceras
P101 Penn., brachs
P102 fern impressions
P103 1 brach
P104 brach
P106 brachiopod, Neospirifer
P107 2 Neospirifers
P108 Ord. brachs
P110 brachiopod impressions (? Penn.)
P111 clam
P112 Fort Payne, Chert, 1 Alloprosalocrinus, 2 Batocrinus
P114 clam, Cretaceous Tertiary
P116 Crinoid heads, Burlington, Ord., Sil.
P119 fern impression
P120 3 Pentremites pyriformis, 1 Pentremites spicatus (Mississippian)
     Nucleocrinus, Falls of Ohio (Devonian)
P121 Lepidodendron
P123 Tertiary gastropod
P125 Penn. smashed nutiloid
P126 Penn., 30 pelecypods
P126 30 small pelecypods
P127 7 snails, ? New Harmony cut off
P128 40 planospiral gastropods
P131 ca. 25 belemnites
P136 6 gastropods
P138 4 belemnites
P139 plant impressions, Pennsylvanian
P141 3 productus scabicus, Charbonniere, Mo.
P142 2 productus punctatus, New Harmony cut off
P143 2 productids, New Harmony cut off
P144 1 clam
P146 25 Penn. productids
P151 Zecrinitus multispinus McCahey, Rush Creek, Posey Co., Ind.
P153 1 ordovician clam
P154 Penn. snail
P155 Phacops, Macrophthalmus, Devon, 4 mi. SE Honeyville, Lycoming Co., Pa.
P156 Ordovician brachs, Ind.
P157 Nautilus decorata Cox, Rush Creek, Posey Co., Ind.
P158 25 snails, ? New Harmony cut off
P159 Dentalium, Rush Creek, Posey Co.
Box 40 and 47 (cont'd)

P160  *Bellerophon percinaratus*, Rush Creek, Posey Co., Ind.
P161  3 Penn. fossils, fusulinid, chonetes, composita
P163  Red argite of Titanium
P164  *Atrypa*
P165  *Nautilus decorata*, coal measures, Rush Creek, Posey Co., Ind.
P166  Concretion
P167  Plastercast *Lepidodendron*
P174  *Leptaena*, Cincinnatian; slab
P175  6 gastropods
P177  4 *conocardium*
P178  *Lepidodendron*
P178  *Favosites*
P180  Blastoid head, mixed bag fossils
P181  3 *Lophophyllum*
P182  Bryozoan
P183  *Dalmanella*
P187  Horn coral
P191  Brachiopod
P192  Petrified wood
P194  Cephalopod
P196  Petrified wood
P197  7 crinoids, 2 cystoids, various kinds and ages
P199  2 Cenozoic snails
P200  Petrified wood
P210  *Ostrea*
P211  *Echinocochus*
P213  1 *neopteris*
P214  Large nautiloid fragments
P215  Gastropod on slab
P222  *Carbonate of iron*, Greenup Co., Ky.
P223  Botryoidal Tufa, Rio Blance near Fort Ryan
P227  *Bronteus*, 15 mi. W. of Louisiana, Mo.
P228  *Peridotite*, Enkel bei Bonn
P230  *Zeolite*, Krantz label
P231  Porcelain spar, Obrenzal
P232  *Steverson Silver mines*, Organ Mtns, N. Mex.
P233  *Scapolith*, Arendale, Norway (hornblende and quartz)
P234  quartz
P235  *CO₃* of magnesia, Mo.
P236  *Magnetite, Tyrol*
P237  Prismatic topaz in Saxony from Scheikerstein
P238  Amphibolite
P240  Red felspar, Conn.
P241  Banded chert
P242  ca. 20 mineral specimens
P243  Chlopyrite, Tyrol
P243  *Aegyrite*, Norway
P245  *Limonite*
P246  *Nepheline from Vesuvius*
P248  Parasitic fossil, do not lose or pack away
P249  Fossil Ivory
Box 40 and 47 - Additional entries not included in the preceding pages

P78 1 Indian mortar stone, 1 Melonechinus, 1 Pa. plant, 11 Echinoconchus
P81 slab of upper Ordovician brach
P92 Rockford goniatites
P94 Rockford goniatites
P109 productid, Penn.
P113 1 dolomitized stromatoporoid
P117 Eucalyptocrinites
P130 Echinoconchus, New Harmony cut off
P167 Plaster cast Lepidodendron aypeatun, coal measures
P168 plant impressions
P169 impression fossil wood
P171 Scaphite, Cretaceous
P172 Lepidodendron
P252 25 misc. rocks and fossils
P219 Asbestos
Box 41

4 large conchs (*Strombus gigas*)
1 broken *Unio*
1 cherry wood ornamental pipe
1 collection of seashells, Atlantic City, N.J.
3 strips Chinese coins (≈200 coins)

Box 42

3 bricks (from Munford house taken down 1930, bricks made 1885 in New Harmony — 1 inscribed Lamoine Dransfield, 1 inscribed James Jones) (label enclosed)
1 specimen Indiana limestone with engine ruled ends and angle drafted margins
1 specimen dolomite crystals
9 arrow heads
1 geodized crinoid
1 natural artificial glass
1 broken tooth
1 pyrite
1 large crinoid stem
1 small crinoid stem
2 *Conus* or *Oliva*
21 misc. rocks and minerals
1 bag misc. labels

Box 43

7 axes, unlabeled
1 hoe, unlabeled
1 arrowhead, unlabeled
5 blanks, unlabeled
3 hammerstones, unlabeled
1 axe, Wabash river, near Fox River, from Nora Pretagest, 1910
1 adze, Fox Island, White Co., Ind., July 6, 1906
4 unidentified objects
1 bag labels
3 grindstones, unlabeled
6 pestles, unlabeled
5 grinding balls, unlabeled
20 adzes
7 rounded pebbles

Box 44  ca. 300 miscellaneous rocks and fossils

Box 45 Glass topped case with about 90 trays of recent mollusks; most are labeled; Presented by Jimmy Robinson
Box 46  Pine cones and wood

Box 48

1 cigar box; 140 small turritellid snails and 30 unionid valves
1 cigar box; 40 unionid valves
11 large conchs; 3 small
1 gastropod
4 abalones
91 Clinocardium
1 Cardita planicosta, Clairborne, Ala.; Lower Eocene
1 oyster w/barnacles
28 unionids; single and double valves

Box 49  Misc. rocks, minerals, and fossils; ca. 50-750 specimens; unlabeled

Box 50  Misc. rocks and fossils; ±100 hand specimens unlabeled and unwrapped

Box 51  Misc. rocks and minerals, ores, fossils ±100 large specimens

Box 52  Minerals - No location unless indicated

Potter clay
Copper ore, N. Mex.
LaMotte, Mo.; calcite, Galena, sphalerite
Vein quartz
Calcite
Spodumene, Magnet Cove, Ark.
Spodumene, no label
Gossan, boxwood
Colo., CO3 of iron
Quartz
Greenstone with iron
Garnet, Magnet Cove, Ark.
Feldspar w/hornblende
Molydenum, Mono Co., Calif
Stalagmite, Wyandotte Cave, Ind.
Bronzite, Centerville, Alameda Co., Calif.
Garnets, Magnet Cove, Ark.
Selenite
Tenn., marble from the Cemetery, Chattanooga
Molybdnite, Colo.
Calcite
Gypsum, travertine,
Feldspar crystal, Italy
Tourmaline and Lepidolite
Dolomite
Greenstone
Box 52 (cont'd)

Talcous Schist, Cartajena, Spain
Magnetite
Agate, Oberstein, Germany
Wood opal, Colorado
Volcanic glass w/Zeolites
Quartz, Whirlpool, Niagara Falls
Moonstones (12)
Gold Quartz, Colorado
Mica, Grafton, N. Hampshire
Petalite, Sweden
Malachite; Onyx
Unidentified mineral
Pegmatite, Colo.
White Marble
Tabular spar
Red Scoria, Lake Co., Calif.
Cut onyx
White tufa, Mt. Vesuvius, Coll. 1861
Infusorial Earth, Calif.
Gold Quartz, Colo.
Magnetite
Stibnite ?
2 Agate
Pumice, near Borax Lake, Lack Co., Calif
Olivine, Italy
Slag, Calif.
M. C. Carty's Diggings, quartz, Marion Co., Ark.
2 Pyrite
Magnetite, Lake Superior
Quartz
Copper ore
Dolly Varden, Needle Mts., Colo. (Galena) Mine?
Gypsum, Adelsburg Cave, Germany
Malachite in Quartz, Colo.
Labradonite
Copper pyrites, Bruce Mines, Canada
Sphalerite, Arkansas
Baculites in chalk (? glauconitized)
Gypsum
Pisolites
Hornblende, New Harmony cut off
Kaolin, Leimoge, AuVergne, France
Cyanite
3 unidentified rocks
2 Beryls? (hexagonal prisms)
Micaceous schist
1 chert; 1 pyrite
Arkansite, Magnet Cove, Arkansas
Magnetite, Pilot Knob, Mo.
Cyanite, Arkansas
Galena
Lava, Gray Rock, Florence, Italy
Malachite, Lake Superior
Box 52 (cont'd)

Breccia, N. Mex.
Chert
Sulfur of Silver, Gold Hill, Nevada, Yates label
Galena, Curry Creek, Independence Co., Ark.
Quartz w/Mica and pyrite (No. 92)
Lead Copper and Silver, Kellog Mines, Arkansas
2 Galenas
12 spec. deeply weathered schist
1 spec. from St. Adelins Silver mines, Organ Mts., N. Mex.

Box 53 P-numbers

P16 Lepidodendron mold
P38 Coral Gigantic Siphonophrentis - Falls of the Ohio
P49 Macro ______ (Buccinum) sp.? (latior) Hyatt
P53 Calymene Blumenbachi, Silurian Grafton Ill.
P56 Sphenophyllum major
P61 Calamites
P68 1 trilobite (Silurian, Waldren)
P69 Crinoid: Actinocrinidites, Burlington Ls.
P77 Crinoids Dorycrinus, Burlington Ls.
P87 Penn. coal (873)
P105 Imprint of a brach (Marcasite) powdered
P115 No label Cr. Loxonema regularis Cox 1857 pl. 8, fig. 2
P118 Crinoid stem
P129 8 or 9 Penn. gastropods
P131 Trepospira 12 spec.
P132 6 unknowns
P133 1 Euomphalid gastropod
P134 12 Pharkidonotus Penn.
P140 Nucula namesi, Rush Creek, Posey Co., 6 spec.
P144 Macrocheilus gracilis Cox - 2 spec. not Macrocheilus gradilis
P145 Productus nebraskensis, New Harmony cut off, coal measures
P147 Bellerophon carbonarius var., Rush Creek, Posey Co., 12 spec., Urei Cox, Coal measures, Above no. 12
P148 6 Spirifer undatus - Harmony cut off
P149 Astartes, Rush Creek, Posey Co., Ind., Coal measures, 4 spec.
P150 2 spec. Cardium, Cut off River
P152 Astartes rhomboidalis deKoninck, 7 spec.
P162 Astrophylites ovata, Phillips farm, Posey Co., Ind.
P179 6 Favorsites forbesii occidentalis Hall, Waldron
P184 Atrypa
P185 Macrosperifer
P186 6 Halysites
P188 4 misc. brachiopods
P189 fenestellid bryozoan
P190 2 Devonian brachiopods
P193 crinoid stem
P195 3 Ordovician snails
P198 pelecypod - see Cox 1857 pl. 8, fig. 5, Arca carbonaria
P201 Aviculopecten in Ls.
Box 53 (cont'd)

P202 2 Athyris
P203 1 spirifer
P205 1 spirifer
P206 raise pelecypods and brachys (9)
P207 trilobites, 5 Calymene, 1 Dalmanites, Waldron ?
P208 Bellerophonid and pentremites conoides – Salem
P209 gastropods, Pharkidonotus species
P211 Favorites
P214 2 Batocrinid, Dolatocrinus (Devonian)
P216 Bellerophon carbonaria, Cox, Rush Creek, Posey Co., Ind.
P217 a clam
P218 Coal iron rock #874, Westphalia
P220 2 Arkancite, Magnite Cove, Ark
P221 Teratolite, Planets bei Zwiekau
P224 Sed. hematite, Ark.
P225 (Petrella pellucida) rocks and minerals
P226 Pitchstone, Germany
P250 Mastodon
P251 Petrodus occidentalis – roof of shale of coal at Butte, sev.
part Parke Co., Ind.
P253 6 Isotelus magister fragments
P254 12 Productus wabashensis Norwood and Pratten, New Harmony
P256 1 vertebrate fossil – fish bone and scales, sh above
P257 1 Fleurotomaria spirolatus, Conrad, White Co., Ill., Graysville
P258 (Bellerophon carbonarius Cox (type species) labeled only ca. 18
specimens
P259 Nautilus canulicelatus Cox, Nolan Iron works, Edwardson Co., Ky.
topotype
P260 1 Rockford gonistite
P261 Bellerophon carbonarius, Posey Co., Ind.
P262 1 ammonite, 1 Mesolobus
P263 Spirifer lineatus, near Danville, Ill.
P264 Neuropterus
P265 1 Favorites forbesi 1, coral Waldron Shale

Box 54 Misc. rocks and minerals, ca. 110 specimens includes fossils and
synthetic materials (glass)

Box 55 120 specimens in packets, each with a number of unlabelled rocks
and/or minerals

Box 56 ca. 18 modern shells, conchs, Clinocardium, abalone, etc.

Box 57 ca. 50 misc. mineral and rock specimens, including coal and several
polished samples of building stone
Box 58  ca. 80 misc. mineral and rock specimens plus small Copper ingot

Box 59  ca. 100 packages of modern corals

Box 60  ca. 600 freshwater clams, all unionid shells

Box 61
60 Penn snails? New Harmony cut off
1 Mesozoic or Cenozoic clam
1 petrified log
2 straight nautiloids
1 slab fossiliferous limestone
1 lot misc. fossils (11 spec.) mixed labels
1 nailhead spar
4 blastoids (1 Cryptoblastus, 3 pentremites)
9 large Penn snails
80 Ordovician brachs
1 Tertiary Ls w/mollusks
1 Silurian trilobite
50 Penn. Bellerophon,? New Harmony cut off
1 slab, crinoid stems
1 tray
10 Penn., straight nautiloids
16 Penn. snails
1 nuculid
1 Rockford cephalopod
1 Composite
1 sharks tooth
2 spirifers
2 Productids
Tertiary pelecypods
80 Bellerophons
1 slab Penn. plants
25 high spired snails, ? New Harmony cut off
1 small box w/ore specimens
1 clam, ? Penn.
1 box miscellaneous fragments, Penn. cephal.
1 box - 3 Platyrachella
13 trays of assorted fossils (5 specimens/tray)

Box 62  13 modern corals, oysters, alcyonarians

Box 63
78 misc. rock, mineral and fossil specimens; geodes, plant impressions,
Calamites, Sigillaria
6 specimens of wood and nice mortar and pestle
4 Ky. coffee tree bean pods
1 Phosphate rock from Albion, Fla. Coll. E. T. Cox
Box 64

1 Rhychnella, near Lebanon, Marion Co., Ky., Trenton
11 clams
5 snails
1 pack misc. fossils
1 Platycterus spinigerus, Rush Creek, Ind., Penn.
1 Nautilus, cut-off Posey Co.
3 snails
15 Bellerophon tricarenata
15 misc. invertebrate fossils
2 spirifer w/Phacops label
10 brachs, misc.
6 snails, ? cutoff
2 quartz
25 misc. fossils, Bellerophon ? cut off
1 small nautiloid
8 misc. fossils
2 Pentremites, crinoids,
1 clam; 1 snail recent
2 Nautilus nodosus, New Harmony cut off
1 white clay (no label)
16 brachs, 1 clam, 6 snails, Penn.
1 tufa encrusted twig
4 Penn. snails; 8 Penn. corals
1 Bellerophon, Harmony cut off
7 misc. fossils
27 Penn. euomphalids
2 Solenomya, New Harmony cut off
6 clams, ? cut off (New Harmony)
8 snails, cut off (New Harmony)
3 pelecypods
1 box New Harmony cut off snails, clams
4 Penn. spirifers
8 misc. fossils
4 arrowheads
1 box junk
7 Tremospira
25 Bellerophons
1 box junk
1 fireclay, cut off
16 Trepospiras
1 slab fossils

Box 65

90 specimens of Recent marine pelecypods and gastropods
1 large specimen of spring tufa
1 large recent coral head
1 alcyonarian
Box 66

Belemmites paxileosus Jura, Balingen, Wurtenburg
fern impressions; Neuropteris hirsuta
60 Terrapin carapaces
fern impression, Pecopteris defrancierii
1 Dicyoclostus

Box 67  Many trays of misc. rocks and fossils; several hundreds of specimens
Cabinet against West wall, East room
Drawers numbered down from upper left
This cabinet may be Sampson Collection

1. ca. 100 small slabs Penn. plants
2. box of correspondence
   ca. 40 unionids, some both valves with identification
3. ca. 50 unionids, 1 tray, 2 clams and a snail
4. ca. 80 unionids, most both valves
5. ca. 100 unionids, both valves
6. ca. 100 unionids, individual valves
7. ca. 100 unionids, both valves, small specimens
8. North of Leftodon Road, Wabash River, ca. 100 unionids, small
9. mixed fossil specimens, most unlabelled
   includes ca. 10 Platystrophia ponderosa
   ca. 20 Lentana
   ca. 50 others, corals, brachiopods
10. ca. 100 fragments Calamites stems
11. mixed ages and types of fossils, few labels
   includes Astrosponges, ca. 15 Platystrophia, clams, snails, corrals, etc.
12. mixed lot of fossils, poorly labelled
    Platystrophia, etc.
   1 tray
13. ca. 100 fragments Calamites, no labels
14. ca. 100 misc. small slabs Calamites and other small fossils
15. Calamites and other plant fossils and 1 geode
16. ca. 50 slabs, union neuropterid fronds
17. ca. 100 Calamites impressions, ss casts
18. Calamites slabs and neuropterid fronds
19. ca. 50 slabs neuropterid fronds and Calamites
20. Neuropterus lanceolatus, New Harmony cut off,
    ca. 50 fragments, Posey Co., trays Mackadoo Creek, Posey Co.
    ferruginous ss of fossil impressions
21. ca. 50 Neuropterid fronds, mostly ss
22. ca. 100 Calamites and Stigmaria roots
23. ca. 50 Neuropterid fronds, 1 geode
24. ca. 50 Neuropterid fronds, thin slabs siltstone