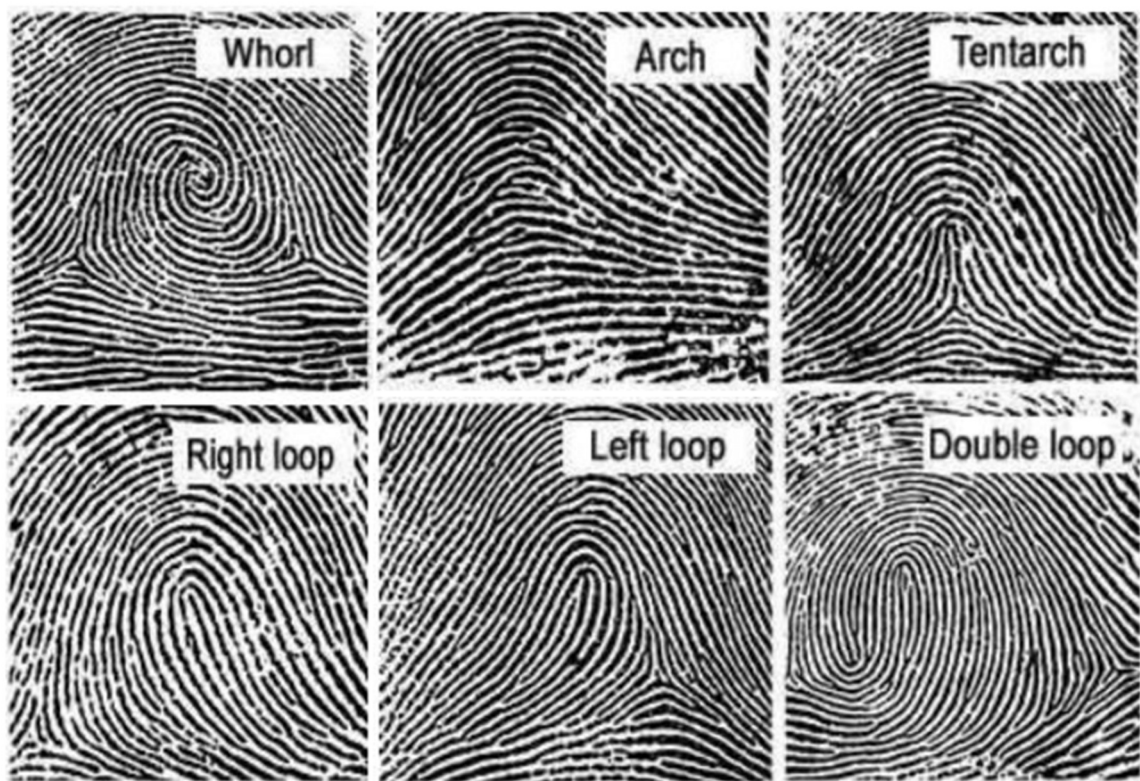


# CRIMINAL FINGERPRINT DIRECTORY



N.Y.P.D.  
CRIME LAB







# Contents

CONTENTS . . . . .	3
INTRODUCTION . . . . .	5
FINGERPRINT CLASSES . . . . .	9
Whorls . . . . .	9
Right Loops . . . . .	21
Left Loops . . . . .	37
Double Loops / Double Whorls . . . . .	47
Plain Arches . . . . .	55
Tented Arches . . . . .	59
SUSPECTS SECTION . . . . .	61
1-0066 . . . . .	62
1-0581 . . . . .	62
1-1932 . . . . .	62
1-2067 . . . . .	63
1-4292 . . . . .	63
1-4382 . . . . .	63
1-4411 . . . . .	64
1-4501 . . . . .	64
1-5221 . . . . .	64
1-5741 . . . . .	65
1-7105 . . . . .	65
1-8039 . . . . .	65
1-8261 . . . . .	66
1-9199 . . . . .	66
2-0003 . . . . .	66
2-0725 . . . . .	67
2-1523 . . . . .	67
2-2012 . . . . .	67
2-4326 . . . . .	68
2-4864 . . . . .	68
2-5438 . . . . .	68
2-5665 . . . . .	69
2-6587 . . . . .	69
2-6668 . . . . .	69
2-6793 . . . . .	70
2-6824 . . . . .	70
2-8504 . . . . .	70
2-8948 . . . . .	71
2-9131 . . . . .	71
3-0017 . . . . .	71
3-1028 . . . . .	72
3-1397 . . . . .	72
3-3090 . . . . .	72
3-3634 . . . . .	73
3-3902 . . . . .	73
3-4009 . . . . .	73
3-4393 . . . . .	74
3-4509 . . . . .	74

3-4553 . . . . .	74
3-4915 . . . . .	75
3-5152 . . . . .	75
3-5324 . . . . .	75
3-6223 . . . . .	76
3-9241 . . . . .	76
4-0699 . . . . .	76
4-0785 . . . . .	77
4-1228 . . . . .	77
4-3111 . . . . .	77
4-3607 . . . . .	78
4-4004 . . . . .	78
4-5562 . . . . .	78
4-5898 . . . . .	79
4-6921 . . . . .	79
4-7479 . . . . .	79
4-7489 . . . . .	80
4-7910 . . . . .	80
4-8785 . . . . .	80
4-9006 . . . . .	81
4-9155 . . . . .	81
5-1104 . . . . .	81
5-1215 . . . . .	82
5-2696 . . . . .	82
5-4863 . . . . .	82
5-6078 . . . . .	83
5-6232 . . . . .	83
5-7111 . . . . .	83
5-7473 . . . . .	84
5-8486 . . . . .	84
5-8700 . . . . .	84
5-9870 . . . . .	85
6-0376 . . . . .	85
6-0542 . . . . .	85
6-0648 . . . . .	86
6-1258 . . . . .	86
6-1853 . . . . .	86
6-3715 . . . . .	87
6-4354 . . . . .	87
6-4836 . . . . .	87
6-5079 . . . . .	88
6-6394 . . . . .	88
6-6602 . . . . .	88
6-6800 . . . . .	89
6-7420 . . . . .	89
6-7844 . . . . .	89
6-8452 . . . . .	90
6-8862 . . . . .	90
6-9681 . . . . .	90
7-0739 . . . . .	91
7-1460 . . . . .	91

7-2468 . . . . .	91
7-2508 . . . . .	92
7-3351 . . . . .	92
7-3454 . . . . .	92
7-4460 . . . . .	93
7-5027 . . . . .	93
7-5312 . . . . .	93
7-5545 . . . . .	94
7-5563 . . . . .	94
7-5724 . . . . .	94
7-5799 . . . . .	95
7-6491 . . . . .	95
7-7215 . . . . .	95
7-8061 . . . . .	96
7-9490 . . . . .	96
7-9827 . . . . .	96
8-0563 . . . . .	97
8-2681 . . . . .	97
8-3896 . . . . .	97
8-4252 . . . . .	98
8-4530 . . . . .	98
8-4653 . . . . .	98
8-5039 . . . . .	99
8-5331 . . . . .	99
8-5870 . . . . .	99
8-6157 . . . . .	100
8-6455 . . . . .	100
8-6692 . . . . .	100
8-7558 . . . . .	101
8-8622 . . . . .	101
8-9104 . . . . .	101



## Introduction

As a detective of the New York City Police Department, you must be familiar with the underlying science of fingerprints, and the procedures for collecting, handling, and matching them.

The N.Y.P.D. Fingerprint Division maintains a large collection of fingerprints from known criminals, which are used for two primary purposes. First, fingerprints on record can be used to positively confirm the identity of an individual. Second, fingerprints can be used to determine the identity of an individual who has handled a specific object, and how it has been handled.

## Confirming Identities

Confirming the identity of someone is straightforward using fingerprints. A trained fingerprint analyst will pull up the 10 fingerprint records of the known subject, and compare them to a newly rolled set of prints. Fingerprints are highly stable over time. If a clear correspondence match can be made between an individual's new fingerprints and fingerprints on file, one can be sure that their identity has been confirmed.

## Searching for Latent Print Matches

Latent prints are prints that have been lifted from an object. If a primary suspect is known, latent (lifted) prints can simply be visually compared to those of the suspect, much as when confirming someone's identity.

Things get more complicated when you need to search for a potential suspect using fingerprint cards. In such a case, you will use fingerprint **classification** in order to narrow down the number of fingerprint records that you need to visually search through.

## Fingerprint Classification

Fingerprint patterns are highly variable and distinctive, but can be classified into a handful of broad classes. Learning to

quickly and reliably classify fingerprints is an essential first step in identifying the owner of a latent print.

The N.Y.P.D. Fingerprint division classifies any given fingerprint as belonging to one of 6 primary classes: **Whorl, Left Loop, Right Loop, Double Loop / Double Whorl, Plain Arch, and Titled Arch.**

When a subject is fingerprinted, a fingerprint record is classified by an expert, and then filed separately for each of the subject's ten fingers. Each card is filed under the heading corresponding to the classification code for that finger's fingerprint.

By reducing the number of records that must be examined, these fingerprint records make it feasible to perform an efficient search through the fingerprint dataset.

For example, if a detective lifts a fingerprint on a gun, he will first classify that print according to what class it is (Whorl, Left Loop, etc.). Once classified, the detective can pull records of prints within that category and search them for a match. Because some fingerprint classes are smaller than others, identifying the class of a fingerprint can narrow down the number of prints that need to be checked by a vast amount.

## Six Main Classes of Fingerprints

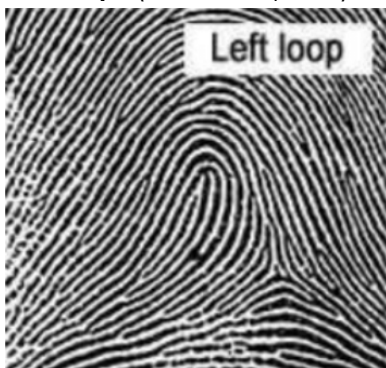
The N.Y.P.D. Fingerprint Division categorizes fingerprints into one of six categories: **Whorls, Left Loops, Right Loops, Double Loops, Plain Arches, and Tented Arches.**

**Whorls** (25% of all prints):



A whorl has a circular center..

**Left Loops** (20% of all prints):



A left loop angles up from the bottom left to the center and back.

**Right Loops** (30% of all prints):



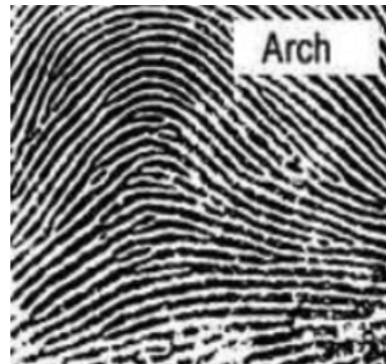
A right loop angles up from the bottom right to the center and back.

**Double Loops** (15% of all prints):



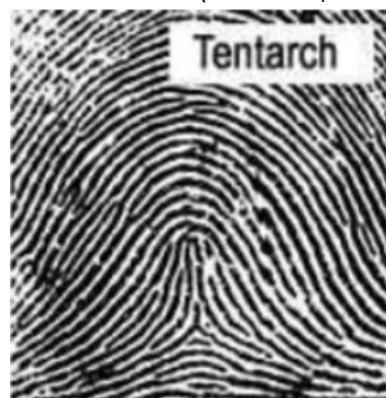
At the center of a double loop we have two loops that seem to wrap around each other; instead of the circular appearance of a Whorl we have something that looks more like an S shape.

**Plain Arches** (7% of all prints):



A plain arch is a gentle sloping hill from left to right.

**Tented Arches** (3% of all prints):



A tented arch is similar to a plain arch but has a much sharper hump.

## Scars and Scratches

Many fingerprints contain clear scars and scratches that are preserved over time, and can be extremely useful in searching for matches.

### Task: Identifying the Source of a Latent Print

Given a latent print (or partial print) that has been lifted from an object, your first job is to classify the fingerprint and identify its type from among the six classes. If you are lucky, it will be from one of the rarer classes. If you have lifted multiple prints that may be from the same subject you may be able to choose the print from the least common class to begin your search.

Having classified the print, you can now search for a match in the *appropriate Class Section* of the **Fingerprint Directory**. Note that the Fingerprint Directory is split into two halves; you will be searching in the class section not the suspect section.

Each fingerprint in the Fingerprint Directory lists a **lead number**. If you believe you have a match, **look up the lead number in your casebook to follow up on the match**.

### Using the Suspect Section

The second half of the Fingerprint Directory is the **Suspect Section**. In that section subjects are sorted alphanumerically by their **lead number**. This means that once you find a single fingerprint match in the **Class Section** of the Fingerprint Directory and get the **lead number**, you can easily turn to the complete ten-fingerprint set for the suspect who owns that print. There you can see all ten fingerprints (five on each hand) of the subject. Note that all ten fingers share the same lead number.

### Task: Checking a Fingerprint Against a Known Subject

If you have a specific suspect and you know that suspect's fingerprint lead number, it will be quicker to check a fingerprint match for that suspect by turning to their complete set

of ten fingerprints in the Suspect Section and comparing the latent print against all ten of their prints (as opposed to classifying it and searching in the Class Section).

### Task: Determining What Specific Finger Number a Print is From

You may occasionally benefit from knowing which finger number a print belongs to (e.g. is this print from a left handed index finger, or a right-handed thumb?) Once you match a fingerprint in the Class section, you can find the subject that owns the print in the Subject section. Then from the ten finger list for that subject you can identify which finger the fingerprint is from.

### Note on Inexact Matches & Rotation

Note that latent fingerprint may not be an exact match to the Fingerprint Directory, because the latent print may be dirtier, noisier, fainter, and (slightly) rotated. Most features will be identical, including **scars and scratches**.

### Note on Directory Lead Numbers

It is important to note that the lead number corresponding to an individual in this directory will not match the lead number corresponding to the same individual in the White Pages (or Criminal History directory, etc.). That is, you cannot use the lead number of an individual from the White Pages to directly look up that individual's fingerprint records in this directory, and vice versa. You will have to use your investigative skills to connect the various records belonging to an individual.

### Note on "UNK###" Entries

In the Fingerprint Class section of this directory (first half) you will notice the presence of some prints with a **UNK###** id. This indicates that the fingerprint is not on file and no further information on it is available; you cannot lookup these prints in your casebook. Each unknown print has a unique and random **UNK###** identifier.









1-8039



1-8039



1-8039



1-8261



1-8261



2-0003



2-0003



2-0725



2-1523



2-1523



2-1523



2-1523



2-2012



2-2012



2-2012



2-4326



2-4326



2-4326



2-4326



2-4864



2-4864



2-5438



2-5438



2-5665



2-5665



2-5665



2-5665



2-5665



2-6587



2-6587



2-6587



2-6668



2-6793



2-6793



2-6793



2-6793



2-6824



2-6824



2-8504



2-8948



2-8948



2-8948



2-9131



2-9131



2-9131



3-0017



3-0017



3-0017



3-1028



3-1028



3-1028



3-1397



3-1397



3-3090



3-3902



3-4009



3-4009



3-4009



3-4009



3-4009



3-4393



3-4509



3-4509



3-4509



3-4509



3-4553



3-4553



3-4915



3-4915



3-4915



3-5152



3-5152



3-5324



3-5324



3-5324



3-5324



3-6223



3-6223



3-9241



3-9241



3-9241



4-0699



4-0699



4-0699



4-0785



4-0785



4-0785



4-0785



4-0785



4-3111





4-3111



4-3111



4-4004



4-4004



4-4004



4-5562



4-5562



4-5898



4-6921



4-6921



4-6921



4-6921



4-7479



4-7479



4-7479



4-7479



4-7479



4-7489



4-7489



4-7910



4-7910



4-7910



4-7910



4-7910



4-8785



4-8785



4-8785



4-9006



4-9006



4-9006



4-9006



4-9155



4-9155



4-9155



5-1104



5-1104



5-1104



5-1215



5-1215



5-1215



5-1215



5-1215



5-2696



5-2696



5-4863



5-4863



5-4863



5-4863



5-6078



5-6078



5-6078



5-6232



5-7111



5-7111



5-7111



5-7111



5-7111



5-7111



5-8486



5-8486



5-8700



5-8700



5-8700



5-8700



5-9870



6-0376



6-0376



6-0376



6-0376



6-0376



6-0542



6-0542



6-0542



6-0648



6-0648



6-1258



6-1853



6-3715



6-3715



6-3715



6-4354



6-4354



6-4354



6-4836



6-4836



6-4836



6-5079



6-5079



6-5079



6-6394



6-6394



6-6394



6-6602



6-6602



6-6602



6-6800



6-6800



6-6800



6-7420



6-7844



6-7844



6-7844



6-7844



6-8452



6-8862



6-8862



6-9681



6-9681



7-0739



7-1460



7-1460



7-2468



7-2468



7-2468



7-2468



7-2468



7-2508



7-2508



7-3454



7-3454





7-3454



7-5027



7-5312



7-5312



7-5312



7-5312



7-5545



7-5563



7-5724



7-5724



7-5724



7-5799



7-5799



7-5799



7-5799



7-6491



7-6491



7-7215



7-7215



7-7215



7-7215



7-8061



7-8061



7-8061



7-8061



7-9490



7-9490



7-9827



7-9827



8-2681



8-3896



8-3896



8-3896



8-4252



8-4252



8-4252



8-4530



8-4530



8-4530



8-4653



8-4653



8-5039



8-5039



8-5039



8-5039



8-5039



8-5331



8-5331



8-5870



8-5870



8-6157



8-6157



8-6157



8-6455



8-6455



8-6455



8-6455



8-6692



8-6692



8-8622



8-8622



8-8622



8-8622



UNK017



UNK018



UNK038



UNK044



UNK051



UNK079



UNK106



UNK118



UNK121



UNK143



UNK155



UNK156



UNK165



UNK170



UNK179



UNK214



UNK230



UNK245



UNK278



UNK312



UNK313



UNK319



UNK329



UNK338



UNK339



UNK354



UNK455



UNK456



UNK464



UNK540



UNK577



UNK583



UNK603



UNK609



UNK676



UNK692



UNK704



UNK777



UNK807



UNK821



UNK834



UNK871



UNK884



UNK893



UNK911



UNK912



UNK920



UNK937



UNK983



UNK995







1-8261



1-8261



1-8261



1-9199



1-9199



1-9199



2-0003



2-0003



2-0003



2-0003



2-0725



2-0725



2-0725



2-0725



2-1523



2-1523



2-2012



2-2012



2-2012



2-2012



2-4326



2-4326



2-4864



2-4864



2-4864



2-4864



2-4864



2-4864



2-5438



2-5438



2-5438



2-5665



2-5665



2-5665



2-6587



2-6587



2-6668



2-6668



2-6793



2-6793



2-6793



2-6793



2-6824



2-8504



2-8504



2-8504



2-8504



2-8948



2-8948



2-9131



2-9131



2-9131



3-0017



3-0017



3-0017



3-0017



3-0017



3-1028



3-1028



3-1028



3-1397



3-1397



3-1397



3-1397



3-1397



3-3090



3-3090



3-3090



3-3634



3-3634



3-3634



3-3634



3-3634



3-3634



3-3902



3-3902



3-3902



3-4009



3-4009



3-4393



3-4393



3-4393



3-4393



3-4509



3-4509



3-4553



3-4553



3-4553



3-4553



3-4553





3-4915



3-4915



3-5152



3-5152



3-5324



3-5324



3-6223



3-6223



3-9241



3-9241



4-0699



4-0699



4-0699



4-0785



4-0785



4-1228



4-1228



4-1228



4-1228



4-1228



4-3111



4-3111



4-3111



4-3607



4-3607



4-3607



4-3607



4-4004



4-4004



4-5562



4-5562



4-5562



4-5898



4-5898



4-5898



4-5898



4-6921



4-6921



4-7479



4-7479



4-7489



4-7489



4-7489



4-7910



4-7910



4-8785



4-9006



4-9006



4-9155



4-9155



5-1104



5-1104



5-1104



5-1104



5-1104



5-1215



5-1215



5-1215



5-2696



5-2696



5-2696



5-4863



5-4863



5-4863



5-6078



5-6078



5-6232



5-6232



5-6232



5-7111



5-7111



5-7111



5-7473



5-7473



5-7473



5-7473



5-7473



5-8486



5-8486



5-8486



5-8700



5-9870



5-9870



6-0542



6-0542



6-0648



6-0648



6-0648



6-1258



6-1258



6-1258



6-1258



6-1258



6-1853



6-1853



6-1853



6-1853



6-3715



6-3715



6-3715



6-3715



6-3715



6-4354



6-4354



6-4354



6-4354



6-4836



6-4836



6-5079



6-5079



6-5079



6-6394



6-6394



6-6394



6-6602



6-6602



6-6602



6-6602



6-6800



6-6800





6-6800



6-7420



6-7420



6-7420



6-7844



6-7844



6-8452



6-8452



6-8862



6-8862



6-8862



6-8862



6-9681



6-9681



6-9681



7-0739



7-0739



7-0739



7-0739



7-0739



7-1460



7-1460



7-1460



7-1460



7-2468



7-2468



7-2468



7-2468



7-2508



7-2508



7-2508



7-3351



7-3351



7-3351



7-3351



7-3351



7-3454



7-3454



7-4460



7-4460



7-4460



7-4460



7-4460



7-5027



7-5027



7-5027



7-5312



7-5312



7-5545



7-5545



7-5545



7-5545



7-5545



7-5563



7-5563



7-5563



7-5724



7-5724



7-5724



7-5799



7-5799



7-5799



7-6491



7-6491



7-6491



7-7215



7-7215



7-9490



7-9490



7-9490



7-9827



7-9827



7-9827



8-0563



8-0563



8-0563



8-0563



8-0563



8-0563



8-2681



8-2681



8-2681



8-2681



8-2681



8-2681



8-3896



8-3896



8-3896



8-3896



8-3896



8-3896



8-4252



8-4252



8-4530



8-4530



8-4530



8-4530



8-4653



8-4653



8-5039



8-5039



8-5039



8-5039



8-5331



8-5331



8-5331



8-5331



8-5870



8-5870



8-5870



8-5870



8-6157



8-6157



8-6157



8-6455



8-6692



8-7558



8-7558



8-7558



8-7558





8-7558



8-7558



8-8622



8-8622



8-9104



8-9104



8-9104



8-9104



UNK004



UNK062



UNK087



UNK103



UNK107



UNK120



UNK123



UNK126



UNK140



UNK171



UNK177



UNK195



UNK201



UNK202



UNK218



UNK224



UNK239



UNK272



UNK279



UNK283



UNK316



UNK332





UNK870



UNK945



UNK948



UNK960



## Left Loops



1-0066



1-0581



1-0581



1-0581



1-0581



1-2067



1-4292



1-4292



1-4382



1-4382



1-4501



1-4501



1-5221



1-5221



1-5741



1-5741



1-5741



1-5741



1-8039



1-8039



1-8039



1-8039



1-8261



1-8261



1-8261



1-8261



1-9199



2-0003



2-0003



2-0725



2-0725



2-0725



2-1523



2-1523



2-2012



2-2012



2-4326



2-4326



2-5438



2-5665



2-5665



2-6587



2-6668



2-6668



2-6793



2-6793



2-6824



2-6824



2-6824



3-0017



3-1028



3-1028



3-1397



3-3090



3-3090



3-3090



3-3634



3-3634



3-3634



3-3634





3-3902



3-3902



3-4009



3-4393



3-4393



3-4509



3-4509



3-4553



3-4553



3-4915



3-4915



3-5152



3-5152



3-5152



3-6223



3-6223



3-6223



3-6223



3-9241



3-9241



4-0699



4-0699



4-0785



4-1228



4-1228



4-1228



4-3607



4-4004



4-4004



4-4004



4-5898



4-5898



4-6921



4-7479



4-7479



4-7489



4-7489



4-7910



4-7910



4-8785



4-8785



4-9006



4-9006



4-9155



4-9155



5-1104



5-2696



5-2696



5-4863



5-4863



5-6078



5-6078



5-6078



5-6232



5-6232



5-6232



5-7473



5-7473



5-8486



5-8486





5-8700



5-9870



5-9870



5-9870



5-9870



5-9870



6-0376



6-0542



6-0542



6-0542



6-0648



6-0648



6-1258



6-1853



6-1853



6-3715



6-4354



6-5079



6-5079



6-5079



6-6394



6-6394



6-6602



6-6800



6-6800



6-7420



6-7420



6-7844



6-7844



6-8452



6-8452



6-8452



6-8452



6-8452



6-8862



6-8862



6-8862



6-9681



6-9681



7-0739



7-1460



7-2468



7-2508



7-3351



7-3351



7-3454



7-3454



7-4460



7-4460



7-4460



7-5027



7-5027



7-5027



7-5027



7-5312



7-5545



7-5545



7-5545



7-5563



7-5563



7-5563



7-5724



7-5724



7-6491



7-8061



7-9490



7-9490



7-9827



7-9827



7-9827



8-0563



8-0563



8-0563



8-2681



8-2681



8-2681



8-4252



8-4530



8-4653



8-4653



8-4653



8-4653



8-5331



8-5870



8-6157



8-6157



8-6455



8-6455



8-6455



8-6692



8-6692



8-6692



8-6692



8-8622



8-8622



8-8622



8-9104



8-9104



8-9104



UNK023



UNK046



UNK072



UNK086



UNK094



UNK116



UNK122



UNK136



UNK144



UNK204



UNK233



UNK236



UNK290



UNK335



UNK376



UNK380



UNK473



UNK589



UNK598



UNK611



UNK613



UNK615



UNK644



UNK648



UNK657



UNK670



UNK678



UNK756



UNK761



UNK782



UNK803



UNK815



UNK858



UNK880









2-1523



2-4326



2-4864



2-4864



2-5438



2-5438



2-6587



2-6668



2-6668



2-6668



2-6824



2-6824



2-8504



2-8504



2-8504



2-8948



2-8948



2-8948



2-8948



2-9131



2-9131



2-9131



3-0017



3-1028



3-1028



3-1397



3-3090



3-3090



3-3902



3-3902





4-5898



4-6921



4-6921



4-7489



4-7489



4-7910



4-8785



4-8785



4-9006



4-9155



5-2696



5-6078



5-6232



5-6232



5-7111



5-7473



5-7473



5-7473



5-8486



5-8486



5-8700



6-0376



6-0648



6-1258



6-1258



6-1258



6-1853



6-1853



6-1853



6-3715





6-4354



6-4354



6-4836



6-4836



6-4836



6-4836



6-6394



6-6602



6-6800



6-7420



6-7420



6-7420



6-7420



6-7844



6-7844



6-8452



6-8452



7-0739



7-0739



7-1460



7-1460



7-2508



7-2508



7-2508



7-2508



7-3351



7-3454



7-3454



7-4460



7-4460



7-5027



7-5312



7-5312



7-5312



7-5545



7-5563



7-5563



7-5799



7-6491



7-6491



7-6491



7-7215



7-7215



7-7215



7-7215



7-8061



7-8061



7-8061



7-8061



7-9490



7-9490



7-9827



7-9827



8-3896



8-4252



8-4252



8-4252



8-4653



8-5331



8-5331





8-5331



8-5870



8-5870



8-6157



8-6157



8-6455



8-6692



8-7558



8-7558



8-9104



UNK007



UNK043



UNK050



UNK052



UNK090



UNK101



UNK147



UNK182



UNK210



UNK255



UNK256



UNK276



UNK300



UNK406



UNK414



UNK424



UNK426



UNK454



UNK488



UNK506



UNK518



UNK530



UNK652



UNK706



UNK710



UNK827



UNK840



UNK897



UNK913



UNK940



UNK942



UNK968



UNK973





4-0785



4-1228



4-1228



4-4004



4-5562



4-5898



4-6921



4-7489



4-9006



4-9155



5-1104



5-1215



5-4863



5-6078



5-6232



5-8486



5-8700



5-8700



5-8700



5-9870



6-0376



6-0376



6-0542



6-0542



6-0648



6-4836



6-5079



6-6602



6-6800



6-8862



7-0739



7-3351



7-3454



7-5563



7-5724



7-5799



7-5799



7-6491



7-8061



7-9490



8-0563



8-4252



8-4530



8-5039



8-5870



8-6455



8-6692



8-6692



8-7558



8-8622



8-9104



8-9104



UNK010



UNK024



UNK054



UNK071



UNK251



UNK382



UNK437



UNK553



UNK868



UNK895



UNK974



UNK976



UNK999



## Tented Arches



1-0066



1-4292



1-4292



1-7105



1-7105



1-9199



2-0003



2-6587



2-6587



2-6668



2-9131



3-1397



3-4915



3-4915



3-4915



4-3111



4-5562



4-7479



4-8785



4-8785



4-9155



5-1215



5-2696



5-2696



5-9870



6-0376



6-0648



6-6394



6-9681



6-9681



6-9681



7-1460



7-3351



7-5027



7-5724



8-4530



8-4653



8-7558



UNK073



UNK263



UNK286



UNK503



UNK504



UNK618



UNK638



UNK722



UNK729



UNK817



UNK847



UNK875























UNK890























UNK930











# SUSPECTS SECTION











		1-0066				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











	1-0581				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky











	1-1932				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky











	1-2067				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky

		1-4292				
LEFT						
						
RIGHT	Thumb	Index	Middle	Ring	Pinky	











		1-4382				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		1-4411				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		1-4501				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		1-5221				
LEFT						
RIGHT						
		Thumb	Index	Middle	Ring	Pinky























		1-5741				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		1-7105				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		1-8039				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		1-8261				
LEFT						
RIGHT						
		Thumb	Index	Middle	Ring	Pinky

	1-9199				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky

		2-0003				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

2-0725

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

2-1523

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

2-2012

LEFT



RIGHT













Thumb











Index











Middle











Ring











Pinky











		2-4326				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		2-4864				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		2-5438				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		2-5665				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		2-6587				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		2-6668				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	



		2-6793				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		2-6824				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		2-8504				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

2-8948

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

2-9131

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

3-0017

LEFT



RIGHT













Thumb











Index











Middle











Ring











Pinky











		3-1028				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		3-1397				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











	3-3090				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky











		3-3634				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		3-3902				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		3-4009				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		3-4393				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		3-4509				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

	3-4553				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky



		3-4915				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		3-5152				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		3-5324				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

3-6223

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

3-9241

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

4-0699

LEFT



RIGHT













Thumb











Index











Middle











Ring











Pinky











		4-0785				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		4-1228				
LEFT						
RIGHT						
		Thumb	Index	Middle	Ring	Pinky











		4-3111				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		4-3607				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		4-4004				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		4-5562				
LEFT						
RIGHT						
		Thumb	Index	Middle	Ring	Pinky











		4-5898				
LEFT						
						
RIGHT	Thumb	Index	Middle	Ring	Pinky	

		4-6921				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		4-7479				
LEFT						
						
RIGHT	Thumb	Index	Middle	Ring	Pinky	



		4-7489				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		4-7910				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

4-8785

	Thumb	Index	Middle	Ring	Pinky
LEFT					
RIGHT					

4-9006

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

4-9155

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

5-1104

LEFT



RIGHT













Thumb











Index

Middle











Ring











Pinky











		5-1215				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		5-2696				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











5-4863











	Thumb	Index	Middle	Ring	Pinky
LEFT					
RIGHT					











		5-6078				
LEFT						
RIGHT						
		Thumb	Index	Middle	Ring	Pinky

		5-6232				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		5-7111				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		5-7473				
LEFT						
	RIGHT					
		Thumb	Index	Middle	Ring	Pinky

		5-8486				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

	5-8700				
LEFT					
RIGHT					
	Thumb	Index	Middle	Ring	Pinky



5-9870

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

6-0376

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

6-0542

LEFT



RIGHT













Thumb











Index











Middle











Ring











Pinky











		6-0648				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		6-1258				
LEFT						
	RIGHT					
		Thumb	Index	Middle	Ring	Pinky











		6-1853				
LEFT						
						
RIGHT	Thumb	Index	Middle	Ring	Pinky	











		6-3715				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		6-4354				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		6-4836				
LEFT						
						
RIGHT	Thumb	Index	Middle	Ring	Pinky	

		6-5079				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		6-6394				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		6-6602				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

6-6800

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

6-7420

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

6-7844

LEFT



RIGHT



Thumb











Index











Middle











Ring











Pinky























		6-8452				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		6-8862				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		6-9681				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		7-0739				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		7-1460				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		7-2468				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

7-2508

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

7-3351

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

7-3454

LEFT



RIGHT













Thumb











Index











Middle











Ring











Pinky











		7-4460				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		7-5027				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-5312				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-5545				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-5563				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-5724				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	























		7-5799				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-6491				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-7215				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-8061				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-9490				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		7-9827				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	











		8-0563				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		8-2681				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		8-3896				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		8-4252				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		8-4530				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		8-4653				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

8-5039

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

8-5331

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

8-5870

LEFT



RIGHT



Thumb











Index











Middle











Ring

Pinky



		8-6157				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

		8-6455				
LEFT						
						
RIGHT	Thumb	Index	Middle	Ring	Pinky	

		8-6692				
LEFT						
RIGHT						
	Thumb	Index	Middle	Ring	Pinky	

8-7558

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

8-8622

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky

8-9104

LEFT



RIGHT



Thumb

Index

Middle

Ring

Pinky