Pinchin Street, Whitechapel on 10 September 1889. The mutilations were similar to the body which was the subject of the "The Whitehall Mystery", though in this case the hands were not severed. It seems probable that the murder had been committed elsewhere and that parts of the dismembered body were dumped at the crime scene. Speculation, at the time, that the remains were of Lydia Hart, a prostitute who had recently disappeared, was disproved when she was soon located in a local infirmary where she was receiving medical treatment to cure the after effects of a "bit of a spree". The identity of the victim was never established. "The Whitehall Mystery" and "The Pinchin Streets Murderer" have been suggested to be part of a series of murders, called the "Thames Mysterlies" or "Embankment Murders", committed by a single serial killer, dubbed the "Torso Killer". Whether Jack the Ripper and the "Torso Killer" were the same person or separate serial killers active in the same area has long been debated. The Pinchin Street murder prompted a revival of interest in the Ripper—manifested in an illustration from "Puck" showing the Ripper, from behind, looking in a mirror at alternate reflections embodying current speculation as to whom he might be: a doctor, a cleric, a woman, a Jew, a bandit or a policeman.

- Frances Coles (also known as Frances Coleman, Frances Hawkins and nicknamed "Carrotty Nell") was killed on 13 February 1891. Minor wounds on the back of the head suggest that she was thrown violently to the ground before her throat was cut. Otherwise there were no mutilations to the body. Her body was found under a railway arch at Swallow Gardens, Whitechapel. A man named James Thomas Sadler, seen earlier with her, was arrested by the police and charged with her murder and was briefly thought to be the Ripper himself. However he was discharged from court due to lack of evidence on 3 March 1891. After this eleventh and last "Whitechapel Murder" the file was closed.

Other alleged Ripper victims
In addition to the eleven murders officially investigated by the Metropolitan Police as part of the Ripper investigation, various Ripper historians have at times suggested a number of other contemporary attacks as possibly being connected to the same serial killer. In some cases, the records are not clear if the murders had even occurred or if the stories were fabricated later as a part of Ripper lore.

"Fairy Fay," a nickname for an unknown murder victim allegedly found on 26 December 1887 with "a stake thrust through her abdomen". It has been suggested that "Fairy Fay" was a creation of the press based upon confusion of the details of the murder of Emma Elizabeth Smith with a separate and more tragic the previous Christmas. The name of "Fairy Fay" was first used for this alleged victim in 1950. There were no recorded murders in Whitechapel at or around Christmas 1886 or 1887 in any newspaper reports that included a Christmas 1887 killing conspicuously did not list the "Fairy Fay". Most authors agree that "Fairy Fay" never existed.

Annie Millwood (born c. 1850) reportedly the victim of an attack on 25 February 1888. She was admitted to hospital with "numerous stab wounds of the legs and lower part of the body". She was discharged from hospital but died from apparently natural causes on 31 March 1888.

"The Whitehall Mystery", a term coined for the headless torso of a woman found in the basement of the new Metropolitan Police headquarters being built in Whitehall on 2 October 1888. An arm belonging to the body had previously been discovered floating in the River Thames near Pimlico, and one of the legs was subsequently discovered buried near where the torso was found. The other limbs and head were never recovered and the body never identified.

Annie Farmer, born c. 1848, reportedly was the victim of an attack on 21 November 1888. She survived with only a superficial cut on her throat, apparently caused by a blunt knife. Police suspected that the wound was self-inflicted and did not investigate the case further.

Elizabeth Jackson, a prostitute whose various body parts were collected from the River Thames between 31 May and 25 June 1889. She was reportedly identified by scars she had had prior to her disappearance and apparent murder.

Carrie Brown (nicknamed "Shakespeare", reportedly for quoting William Shakespeare's sonnets) was killed 24 April 1891 in Manhattan, New York City. She was strangled with clothing and then mutilated with a knife. Her body was found with a large tear through her groin area and superficial cuts on her legs and back. No organs were removed from the scene, though an ovary was found upon the bed. Whether it was purposely removed or unintentionally dislodged during the mutilation is unknown. At the time, the murder was compared to those in Whitechapel though the Metropolitan Police eventually ruled out any connection.

Investigation