

TRIPODS
Final as of March 19, 2006



CM 12, **Jacob's Staff**, W. & L.E. Gurley Co., c. 1900.

This came from Palestine, TX and was not originally used with the Gurley compass. It has a steel shoe and a brass ball & socket spindle on top for use with any large Gurley compass.



CM 24, **Sliding Leg Tripod**, Warren-Knight Co., Philadelphia, c. 1970.

This is a collapsible metal tripod designed specifically for the Sipe/Sumner Vernier Compass and goes with that instrument. It is complete with a threaded ball-joint adapter for attaching the compass directly.

CM 37, **Solid Leg Tripod, Square Legs**, maker not identified, c. 1960.

This tripod has a custom made head to fit the large Gurley compass staff adapter. The head is believed to have been done by the by E. Dietzgen Co. The legs are 44" long and have attractive swirl patterns, possible fancy maple.



CM 44, **Solid Leg Tripod**, John Hale, Scranton, PA c. 1885

This tripod was purchased separately on ebay and was not original with the Hale compass. The legs are 47 inches long and of mahogany. The threaded top accepts the standard Gurley compass bracket. There are two brass screws at the top and two are missing.



TR 3, **Solid Leg Tripod**, E. Draper, c. 1860.

This tripod has solid dark tapered legs with screws sticking up above the head to engage the base of the transit.



TR 4, **Solid Leg Tripod**, W. & L.E. Gurley Co., c. 1870.

This tripod has dark tapered round legs and is somewhat smaller in size than the tripod used for a 20" level.



TR 6, **Jointed Leg Tripod**, W. & L.E. Gurley Co., c. 1885.

This tripod fits the black-colored Gurley Light Mountain Transit that is missing the vertical circle.



TR 9, **Jointed Leg Tripod**, W. & L.E. Gurley Co., c. 1899.

This tripod fits the Gurley Light Mountain Transit with the Burt solar attachment. It did not originally come with this instrument.



TR 10, **Jointed Leg Tripod**, Young & Sons, Philadelphia, c. 1909.

This tripod goes with the Y&S solar transit and has a cap with the name Young & Sons.



TR 11, **Jointed Leg Tripod**, C.L. Berger & Sons, c. 1910.

This tripod originally fits the Berger Wet Mining Transit.



TR 17, **Jointed Leg Tripod**, C.L. Berger & Sons, c. 1926.

This tripod had one bad leg that I had repaired. Some of the wood has been replaced and doesn't match the original. It goes with the Berger Saegmuller-type solar transit.



TR 19, **Solid Leg Tripod**, Patten & Son, Maryland, c. 1850.

This tripod has round tapered legs and a leveling apparatus at the head that includes 4 leveling screws and a spindle to fit the underside of the transit.



TR 21, **Split Leg Tripod**, A. Lietz Co., San Francisco, c. 1922.

This is a very large tripod for the boundary theodolite. The wood is dark and dry and the brass head is also very darkened with age.



TR 22, **Jointed Leg Tripod**, Buff & Buff, Boston, c. 1920.

This tripod is painted red and goes with the Buff solar transit No. 14240.

TR 25, **Solid Leg Tripod**, A. Frese Co., Los Angeles, CA c. 1910.



This tripod has dark tapered round legs and goes with the Frese transit No. 900.

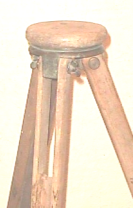
TR 26, **Split Leg Tripod**, Keuffel & Esser Co., c. 1907.

This tripod has dark wood and fits K&E Twisted Frame transit TR 32. The threads are approximately 3 5/8" x 12.. It is in good condition.



LV 2, **Solid Leg Tripod**, W. & L.E. Gurley Co., c. 1870.

This tripod has large round tapered legs and fits the 20" wye level and large Gurley transits.



LV 5, **Split Leg Tripod**, A. Lietz Co., c. 1909.

This tripod has an engineered type leg with cutouts to lessen weight and still maintain rigidity. One of the legs is missing the metal shoe. Thread size is about $3 \frac{15}{16}$ " x 10.



LV 14, **Solid Leg Tripod**, W. & L.E. Gurley Co., c. 1900.

This tripod has the old solid double-taper wood legs.



LV 22, **Split Leg Tripod**, A. Lietz Co., c. 1910.

This tripod came with the 17-inch wye level S/N 5176. Thread size is about $3 \frac{15}{16}$ " x 10. All 3 legs have a 12" section of weathered red paint near the top. One of the steel shoes is broken off but present.



LV 25, **Solid Leg Tripod**, Andrews & Son, c. 1880.

This tripod came with the 16-inch dumpy level, English style. Thread size is about $1 \frac{21}{32}$ " x 7.



AL 4, **Split Leg Tripod**, W. & L.E. Gurley Co., c. 1918.

This tripod has the Johnson head and is for a plane table. It was once painted black and has some residual black remaining although it is now a dark stained wood color.



AL 6, **Jointed Leg Tripod**, maker not indicated, c. 1930.

This tripod has a Johnson head for attaching the board.

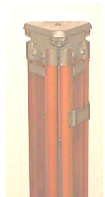
MI 20, **Folding Wood Tripod**, Keuffel & Esser Co., c. 1917.

This tripod supports a small plane table and is part of the U.S. Army topographic kit. It is a camera-type tripod in almost unused condition. The tripod is folded inside the suitcase kit.



MI 21, **Solid Leg Tripod**, maker not indicated, c. 1941.

This tripod goes with the heliograph signaling instrument.



ET 3, **Jointed Leg Tripod**, Wild, c. 1970.

This tripod has a cap for the 5/8" x 11 top. It is used with the Wild T10 theodolite.



ET 4, **Solid Leg Tripod**, Eugene Dietzgen Co., c. 1930. (in locker)

This tripod has solid oak legs. The head is threaded 3" x 12 and has a tall aluminum cap.



ET 5, **Solid Leg Tripod**, Keuffel & Esser Co., c. 1930.

This tripod has round oak legs. The head is threaded 3" x 12 and has a tall aluminum cap. The legs have been refinished to a slightly darker color.

ET 7, **Solid Leg Tripod**, W. & L.E. Gurley Co., Troy, NY, c. 1870.

This tripod fits large Gurley instruments such as the 20" wye level and engineer's transits. One of the legs is broken and presently it is disassembled.



ET 8, **Jointed Leg Tripod**, maker not indicated, c. 1925.

The tripod head is 4" x 12. The lower legs are aluminum replacements. The head is red.



ET 9, **Plane Table Tripod**, Eugene Dietzgen Co., c. 1945.

This tripod has jointed oak legs and a Johnson head although is lacking the operating part of the head.



ET 10, **Split Leg Tripod**, maker not indicated, c. 1920.

The tripod is marked 258. The head is threaded 4 1/8" x 12. The legs are varnished and have a red tone.



ET 11, **Solid Leg Tripod**, Keuffel & Esser Co., c. 1906.

This has round solid legs and is marked B.F. Galway. The head is threaded 3 9/16" x 12.



ET 12, **Tripod**, A. Lietz Co., San Francisco, c. 1910.

This tripod has solid round legs. The head is threaded 2.9" x 12. There is an aluminum cap stamped ALCO.



ET 15, **Solid Leg Tripod**, maker not indicated, c. 1890.

This tripod has solid round oak legs and a wooden cap for the brass head. The threads on the head are 3" x 12.



ET 16, **Solid Leg Tripod**, maker not indicated, c. 1900.

This tripod fits small pocket-sized compasses although none of mine fit. The brass head is threaded 5/8" x 16. The legs are round tapered and one leg has a repair.



ET 17, **Solid Leg Tripod**, W. & L.E. Gurley Co., Troy, NY, c. 1870.

This tripod fits large Gurley instruments such as the 20" wye level and engineer's transits. It has solid dark legs.



ET 18, **Solid Leg Tripod**, W. & L.E. Gurley Co., Troy, NY, c. 1890.

This solid leg tripod fits instruments such as the solar compass and architects level. It is marked UP 0149.



ET 19, **Jointed Leg Tripod**, Keuffel & Esser Co., c. 1950.

This head for this tripod has a 3 1/2" x 8 thread. The legs are painted red and white.



ET 21, **Jointed Leg Tripod, Buff & Buff Co., c. 1950.**

This tripod has the maker's name painted boldly on the upper tripod legs. The head is 3 1/2" x 8.



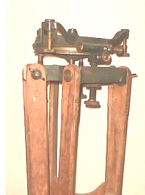
ET 22, **Sliding Head Tripod, maker not identified, c. 1860.**

This tripod has solid round legs and weighs 16 lbs. The head dimensions are 1 3/4" x 12.



ET 23, **Stiff Leg Tripod, C.L. Berger Co., c. 1920.**

This is Berger Tripod No. 2 for transits. The head is threaded 3 5/16" x 12.



ET 24, **Plane Table Tripod, Keuffel & Esser Co., c. 1913.**

This has the old type leveling arrangement for the plane table board. It is very large and heavy.



ET 28, **Brunton Pocket Transit Tripod, maker not indicated, S/N M182, c. 1940.**

This metal tripod fits the Brunton Pocket Transit CM 38..



ET 29, **Solid Leg Tripod, W. & L.E. Gurley Co., c. 1890.**

This is a compass tripod with a ball and swivel joint and turned spindle for attaching to the underside of the instrument.



ET 30, **Jointed Leg Tripod**, Brunson, c. 1955.

The legs are painted olive drab. The tripod head is threaded 3 1/2" x 8.



ET 31, **Jacob's Staff**, maker not identified, c. 1845.

The staff is 55" long and has a steel shoe.

ET 32, **Slip-Joint Brass Tripod**, Keuffel & Esser Co., c. 1925.

This tripod fits K&E staff compass 5321A. It comes in a leather case with the top detached.



ET 33, **Jointed Leg Tripod**, Maker not identified, c. 1940's.

This tripod has the standard head of 3 1/2" x 8 and was formerly used with Sumner transit TR-17 by Warren Knight. It is likely of W-K manufacture but not so indicated.



ET 34, **Jointed Leg Tripod**, Maker not identified, c. 1940's.

This tripod possibly goes with the military Astro Compass.



ET 35, **Stiff Leg Tripod**, Wild, Heerbrug, Switzerland, c. 1955.

This tripod has a 5/8" x 11 attachment and fits modern theodolites. It was originally used on such instruments as the Wild T2 theodolite.



ET 36, **Split Leg Tripod**, A. Lietz Co, c. 1910

Legs have old partial red paint with white bands 1 foot down from the top. Size 3 15/16" x 10. An aluminum Lietz cap from LV 22 was added in June 2002.



ET 37, **Jointed Leg Tripod**, Maker not identified, c. 1950

Legs are painted bright florescent red; aluminum head 3 1/2" x 8.

ET 38, **Jacob's Staff**, Maker not identified

This two-piece staff is 61" long with a steel shoe and a jointed top.



ET 39, **Extra Tripod Legs**, maker not identified, c. 1900.

These legs are 47" long and suitable for a mining transit. There are metal shoes with sharp spikes at the end.



ET 40, **Stiff Leg Tripod**, A. Lietz Co., c. 1910.

This has a metal cap marked with the maker's name. It fits large Lietz instruments of the early 20th century. Thread size is about 3 15/16" x 10.



ET 41, **Solid Leg Tripods (Pair of Two)**, Maker not identified, c. 1920.

The legs of this pair of tripods slip into one another forming a single unit with leather covers for the ends. The legs are of the shorter mining or heliograph length and when packed the unit is 44" long.



ET 42, **Jacob's Staff, Keuffel & Esser, No. 5350, c. 1930.**

This 52 1/4" long hardwood (possibly maple) staff has an octagonal cross section for most of its length. There is a 5 1/2" long steel shoe with spike at the bottom and a leather thong loop at the top. It can be used with the smaller size compasses with a compass staff adapter.



ET 43, **Stiff Leg Tripod, W. & L.E. Gurley Co., c. 1885.**

This tripod is 58" tall and fits a Gurley Light Mountain Transit. The external mounting threads are 3 5/8" x 18.



ET 44, **Solid Leg Tripod, unmarked, c. 1900.**

This lightweight solid mahogany leg tripod fits Gurley instruments such as the solar compass and architects level. The round legs are 1 1/6" diameter at the top, 1 5/16" at the swell, and 1 1/16" at the bottom. The brass head is 3 1/8" outside diameter with inside female threads 1 1/2" diameter by 12.