

COLLECTION PLAN NEEDS LIST

Objects with “(BS)” following indicate needs that will be filled by the conversion of the long-term loan of the William Barclay Stephens Collection from the California Academy of Sciences to a gift.

1. Time Period

- a. Original and museum-quality reproductions of ancient and early pre-mechanical horological and astronomical objects, including:
 - i. Astrolabes
 - ii. Early sandglasses (all regions)
 - iii. Sundials of all types
 - iv. Clepsydra
 - v. Model of Su Sung’s Astronomical Water Clock
 - vi. Native American (North and South America) timekeeping objects
 - vii. African timekeeping objects
 - viii. Middle Eastern timekeeping objects
 - ix. Calendars of all cultures
- b. Early timepieces
 - i. Model of Giovanni Dei Dondi’s Astronomical Clock
 - ii. Skull Watches
 - iii. Cruciform Watches
- c. Modern Wristwatches (post 1970)
 - i. American industrial watchmakers
 - ii. European industrial watchmakers
 - iii. Asian industrial watchmakers
 - iv. Individual watchmakers of all regions
- d. Modern Clocks
 - i. Innovative design
 - ii. Clocks as art
 - iii. Common clocks
 - iv. Clocks in popular culture

2. Geographic Areas

- a. North American Clocks
 - i. Complete and original Girandole clock

- ii. Early (1st half 18th century) Philadelphia and Boston clocks (Stretch, Wills, Bagnall, etc.)
 - iii. Additional and original Massachusetts shelf clock, 1790-1820
 - iv. Burnap, Harland and/or Terry brass dial clock
 - v. Banjo clock with alarm and/or original glass
 - vi. Tall case clocks which specifically illustrate regional characteristics from Rhode Island, New Hampshire, New York, Maryland, Virginia, Georgia or the Carolinas (18th century or early 19th century)
- b. North American Watches
 - i. Henry & James Pitkin, NY
 - ii. Mozart Watch Company, MI (BS)
 - iii. Nashua Watch Company, NH
 - iv. J. D. Custer, PA
 - v. Freeport Watch Company, IL
 - vi. Howard, Davis & Dennison, MA (BS)
 - vii. Herman Von der Heydt, IL
 - viii. Auburndale Watch Company, MA (BS)
 - ix. J. P. Stevens (BS)
 - x. American Albert Potter (we have a Swiss example)
 - xi. Waltham Stone watch
 - xii. Wristwatches of significant American Makers
- c. United Kingdom
 - i. Tavern or "Act of Parliament" clock, c.1800 (we have late 19th century dial and short drop examples)
 - ii. Scottish long case clock (1770-1850)
 - iii. Irish long case clock
 - iv. Clock with Roman strike
- d. France
 - i. 18th century Cartel clock
 - ii. Revolutionary period timepieces
 - iii. Mystery clock (glass plate)
 - iv. Early 19th century Morbier in a painted tall case
 - v. Ormolu clocks – complete and with original finish
 - vi. Large Urn clock on a pillar base
- e. Italian
 - i. Tall cases
 - ii. Movements with Italian six-hour striking system

- iii. Night clock
- f. Dutch
 - i. Cased example or model using Huygens' escapement with cycloidal cheeks
 - ii. Complete and original Zaandam wall clock
- g. German / Austrian
 - i. Early 19th century Biedermeier regulator with pediment
 - ii. Biedermeier wall or shelf clocks
 - iii. Large Trumpeter shelf or wall clock
 - iv. Clocks featuring musical and/or automata
 - v. Viennese shelf, bracket, and mantle clocks
 - vi. Viennese Bilderuhr (picture clock that incorporate a dial as part of the painting)
 - vii. Viennese Wanduhr (wall clock) with an eagle motif
 - viii. Viennese Lanternduhr (we have miniatures only)
- h. Swiss
 - i. Neuchatel bracket clock
 - ii. Singing bird and/or any musical automata clock
 - iii. Tall case clock
- i. Asian
 - i. Japanese bracket and/or rack clocks
 - ii. Chinese Imperial School clocks
- j. Native Americans (North and South America) timekeeping objects
- k. African timekeeping objects
- l. Middle Eastern timekeeping objects

3. Significance

- a. One-of-a-kind objects by prominent clock/watch makers.
- b. Objects that illustrate clear advancements in the field of horology
- c. Religious timepieces, calendars, etc.
- d. Objects with a unique and/or historic provenance
- e. Objects that fall within the core mission of the museum and are otherwise unrepresented in the collection.