Women have had many cartographic roles, depending on social and economic circumstances. Before 1800, women were integral, if generally obscure, members of the map trade (Section I); however, the industrialization and corporatization of the print trades led women to be excluded from the economic sphere of cartography. At the same time, the growth of Western economies gave new opportunities for women. However, they often thought it necessary to use only their initials rather than their full, feminine names. The growth of public education in the early nineteenth century, particularly in the U.S., included the formation of schools for young girls, where in addition to home-skills they were taught geography, often by drawing and embroidering maps and globes; women increasingly wrote school textbooks and often designed their maps as well (Section III). Women actively participated in the creation of maps for newly developing markets associated with automobile travel and tourism, preparing pictorial tourist maps (Section II) and city guides (Section IV). In academia, women have made ground-breaking maps of social, physical, and historical phenomena, using both traditional and now digital techniques (Section V). And, during World War II, when women filled the labor shortages created by mass conscription of men, thousands of women made maps for the U.S. military, only to leave the field after the war's end (Section VI).

The above image of an engraver's workshop, showing several women at work, is from Denis Diderot and Jean Le Rond D’Alambert, Encyclopédie, ou dictionnaire raisonné des sciences, des arts et des métiers (Paris, 1755), 5: pl. 1.
### I. Women in the Early Modern Map Trades: Engravers, Printers, Publishers

1. **Coletta (née Kaerius [van der Keere]) Hondius, engraver**  
   [Portrait of Gerard Mercator and Jodocus Hondius]  
   Frontispiece in Gerhard Mercator and Jodocus Hondius, *Gerardi Mercatoris et I. Hondii Atlas ou, Representation du monde universel, et des parties d’icelui faicte en tables et descriptions tresamples, et exactes* (Amsterdam, 1633)  
   Facsimile of hand-colored copper engraving, 46 x 53 cm  
   Smith Collection

2. **Marie Catherine Haussard, engraver**  
   Hand-colored copper engraving, 47 x 60 cm  
   Osher Collection

3. **Elizabeth Haussard, engraver**  
   Hand-colored copper engraving, 48 x 64 cm  
   Osher Collection

4. **Anna van Alphen Elzevier, printer**  
   Nicolas Visscher, *Orbis terrarum tabula recens emendata et in lucem edita per N. Visscher* (Amsterdam, 1663)  
   Hand-colored copper engraving, 32 x 50 cm  
   Osher Collection

5. **Selina Price Hall, publisher**  
   *Suffolk*  
   (London: Chapman & Hall, 1832)  
   Hand-colored copper engraving, 19 x 24 cm  
   Story Collection

6. **Elizabeth Lenthall Stone, lithographer**  
   F. C. DeKrafft, *Map of the City of Washington*  
   (Washington, D.C., 1840)  
   Lithograph, 38 x 52 cm  
   Osher Collection

7. **Supplement to New-York Journal, no. 2013 (June 2, 1785)**  
   Letterpress, 36 x 19 cm  
   Osher Collection

8. **Weduwe [widow of] Joannis Cnobbaert, publisher**  
   Titlepage of Famanius Strada, *De bello Belgico decas secanda* (Antwerp, 1648)  
   Facsimile of hand-colored copper engraving, 28 x 16 cm  
   Osher Collection

9. **Elizabeth Lowe, publisher**  
   Peter Stent, *Vignorniensis vulgo Worcestershire comitatus descripito, continens in se (praeter civitatem Vignorniae) oppida mercatoria novem ecclesiasq. parochiales CLI* (London, 1680)  
   Hand-colored copper engraving, 36 x 47 cm  
   Miche Collection

10. **Elizabeth Verseyl Visscher, publisher**  
    Hand-colored copper engraving, 49 x 54 cm  
    Smith Collection

11. **Mary Ann Rocque, publisher**  
    John Rocque, *A General Map of North America; In which is Express’d the Several New Roads, Forts, Engagements, &c. taken from Actual Surveys and Observations Made in the Army employ’d there, from the Year 1754, to 1761. Drawn by the late John Rocque, Topographer to His Majesty* (London: M. A. Rocque, 1761)  
    Copper engraving, 86 x 90 cm on four sheets, each 43 x 45 cm  
    Osher Collection

12. **Penelope Steel, chart and bookseller**  
    David Steel, *The East Coast of England, from Folskone to Hasborough Gat; Including All the Channels of the River Thames up to London* (London, 1803)  
    Copper engraving in 2 sheets, 81 x 127 cm  
    OML Collections

13. **Katherine Dudley, cartographer**  
    Color lithograph, 75 x 99 cm  
    OML Collections

14. **Elizabeth Shurtleff**  
    Color lithograph, 68 x 50 cm  
    Moore Collection

### II. Women and the Modern Mapping of Place
15. Mildred Burrage
"Falmouth Neck As it was when destroyed by Mowatt, October 18, 1775"
Reduced facsimile of painted gesso map, 107 x 155 cm (original).
Courtesy of Maine Historical Society

15b. William Willis
_Falmouth Neck, As it was when destroyed by Mowett, Oct. 18, 1775_
Reduced facsimile of lithograph by Pendleton’s Lithography, Boston, 41 x 60 cm (original)
Osher Collection

16. Jane Crosen
_Casco Bay and the Calendar Islands_ (1998)
Monochrome lithograph, 40 x 50 cm
OML Collections

17. Ruth Rhoads Lepper [Gardner], cartographer and publisher
_Mid-Coast Maine_ ([Brunswick, Me.], 1979)
Color lithograph, 37 x 54 cm
OML Collections

19. Ruth Rhoads Lepper [Gardner], cartographer and publisher
_The Maine Coast from Kittery to Cape Elizabeth_ (Southport, Me., 1977)
Color lithograph, 53 x 39 cm
OML Collections

20. Helen Prentiss Huckins
_The Moosehead Lake Region_ (1931)
Color lithograph, 51 x 32 cm
OML Collections

21. Constance Brown
_The Hudson River and its watershed_ (2007)
75 x 52 cm
Facsimile courtesy of the Leventhal Map Center at Boston Public Library

22. Emily Hill
“A Map of the United States of America” (1820)
Manuscript, 100 x 114 cm
Osher Collection

23. Mary Hall
“Map of the northern part of the United States and the southern part of the Canadas” (1814)
Manuscript, 36 x 47 cm
Osher Collection

24. Anna Seile, publisher
_Af · icae nova descriptio Impensis Annae Seile_. 1663
In Peter Heylyn, _Cosmography in four books. Containing the chorography and history of the whole world: and all the principal kingdoms, provinces, seas and isles thereof… revised and corrected by the author himself immediately before his death_ (London, 1677)
Copper engraving, 33 x 40 cm, in 36cm-tall book
Smith Collection

25. Emma Willard, author
_Map No. 1. The World as Known to the Ancients_
In William C. Woodbridge and Emma Willard, _Ancient Atlas, to Accompany the Universal Geography_ (Hartford: Belknap and Hamersly, 1827)
Hand-colored copper engraving, 29 x 44
Osher Collection

26. Marinda Branson Moore
_Virginia, Maryland, Delaware, New Jersey, and Part of Pennsylvania_
In Marinda Branson Moore, _Primary Geography, Arranged as a Reading Book for Common Schools_, 2nd ed. (Raleigh, N.C.: Branson and Farrar, 1864)
Hand-colored lithograph, 16 x 28 cm
OML Collections

27. Sarah Sophia Cornell
_The World in Hemispheres_
Hand-colored lithograph, 25 x 40 cm
Osher Collection

IV. Women, Cities, and Spatial Analysis

28–31. Agnes Sinclair Holbrook
_Hull-House Maps and Papers_ presentation of nationalities and wages in a congested district of Chicago together with comments and essays on problems growing out of the social conditions by residents of Hull-House, a social settlement at 335 South Halsted Street, Chicago, Ill. (Chicago, 1895)
University of Maine Orono Collections

28) Wage Maps
Colored lithograph, 33 x 110 cm

29) Nationalites maps
Colored lithograph, 33 x 110 cm

30) Measurements of 154 Defective Chicago Factory-Children – 14-16 Years Old – 22 cm
31. Ilonka Karasz
Decorative cover to:
Sarah M. Lockwood,
New York, Not So Little
and Not So Old (New
York: Doubleday, Page,
& Co., 1926)
Color lithograph, 26 x
20 cm
OML Collections

32. Paula Scher
World Trade Map
In: Maps: Paintings,
Installations, Drawings
and Prints (New York:
Princeton Architectural
Press, 2012)
Color lithograph, 29 x
54 cm
OML Ref. Collections

33. Toy Lasker
Avenues and Maine Cross Streets and Crosstown Buses
Color lithograph, 28 x 10 cm
Auletta Collection

34. Phyllis Pearsall
Westminster
In: London A-Z street atlas and index
16 x 19 cm
OML collection

35. Ruth Taylor [White]
Colorado
In: Frank J. Taylor and Ruth Taylor, Our U.S.A. A Gay Geography
Color lithograph, 22 x 28 cm
Gibb Collection

36. Joni Seager
Rape
In: Penguin Atlas of women in the world
24 x 36 cm
OML Collections

37. Barbara Petchenik
Population
In Lester J. Cappon, ed., Atlas of Early American History: The
Press for the Newberry Library and the Institute of Early American
40 x 29 cm

38. Photo of Marie Tharp by Steve Sagala
Courtesy of Lamont-Doherty Earth Observatory, Columbia University

39–40. Marie Tharp and Bruce Heezan

39) Physiographic Diagram, Atlantic Ocean (Sheet 1) (New York,
1957)
Color lithograph, 75 x 141 cm
Neikirk collection

40) Physiographic Diagram of the Indian Ocean, the Red Sea, the
South China Sea, the Sulu Sea and the Celebes Sea (New York:
Geological Society of America, 1964)
148 x 119 cm
OML Collections

41. Anne Potenzo Mountford
Approaches to Io-Jima (Sulphur Island) (Washington D.C., 1944)
35 x 48 cm
OML Collections

41b. Enlarged from: Approaches to Io-Jima (Sulphur Island)

42. Photo of Anne Potenzo Mountford

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