# My Boston: Some printing and publishing history

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During the four summers before each of my college years, I worked in a large cardboard box printing plant (big letterpresses and lithography presses) in an industrial town 40 miles east of San Francisco. Thus began my fascination with printing. I was also an avid reader of books and of *The New Yorker* magazine, to which my father subscribed. I dreamed of eventually living in a big city with big libraries and thick newspapers. Thus, after college, I moved in 1964 to the Boston area (where I have remained ever since).

As I explored Boston and Cambridge in the 1960s, I became aware of a number of publishing and printing activities, often by walking or driving by their then-current locations. I also began to use the libraries and to frequent the bookstores. Compared with the small town in the Central Valley of California in which I had grown up (and even compared with San Francisco where I went to college), Boston was a mecca for someone interested in books, magazines, and the related printing, publishing and distribution world.

With the TUG 2012 meeting (in some sense a publishing event) being held in Boston, I got to thinking about and then looking into the history of printing, publishing, libraries, bookstores, and so forth in Boston. In this note, a written variation on my presentation at the conference, I sketch what I have learned.

The presentation is at http://walden-family.com/texland/tug2012. Numbers in braces in the following text (for example, immediately after this sentence) are the numbers of PDF pages in the presentation. {1,2}

A lot of this printing and publishing history happened close to the conference hotel because Boston was once essentially a small island (the neck of land to the mainland was sometimes under water at high tide [Krieger99, Whitehill68]). {3} The location of our conference hotel was close to the center of this small almost-island. Thus, anything that happened in early Boston took place near the hotel location.

There are several maps which a reader might look at while reading this note (the conference hotel is at the southwest corner of Tremont and School Streets on all three maps): {4}

- 1772 Bonner map of Boston
- Boston Freedom Trail map
- Literary Boston, 1794–1862 map

All three maps are at http://walden-family.com/texland/tug2012.

Space and time do not allow a thorough presentation of the Boston-region history of printing, publishing, and the like. In particular, I have mostly omitted the author part of the literary world [Wilson00]. Also, this is not a scholarly piece of research (my narrative is based on what I have read in secondary sources, been told by someone, or found in Wikipedia). It also glosses over many details, for example, calling the early college in Cambridge Harvard and ignoring its early name. I hope my fragmentary narrative is suggestive of the actual history of events.

## Colonial period, 1630-1775

{5} The Pilgrims, who previously had left England to go to Holland in the Netherlands, came to Plymouth, just south of Massachusetts Bay, in 1620. Another Massachusetts-based outpost was attempted at Cape Ann in 1624. In 1628–1630 a succession of largely Puritan settlers arrived in the Massachusetts Bay Colony settling in locations from Salem to Boston. (This section is substantially based on Thomas 70 and Blumenthal 89; see also Reese 89.)

The Puritans came to the Massachusetts Bay Colony fleeing what they felt was the incorrect approach of the theology of the Church of England and the relationship of church and state (King James's approach subordinated the church to the state). In particular, in 1630 Governor John Winthrop and other Puritan leaders arrived with a charter allowing the Massachusetts Bay Colony to be governed from the colonies rather than from England. {6} Both Boston and Cambridge (a few miles up the Charles River) were settled by the Puritans around 1630. These largely Puritan immigrations to the Massachusetts Bay Colony continued for the next 10 years.

{7} The arriving Puritans were idealistic about their new home, and John Winthrop gave a sermon quoting the Sermon on the Mount and saying that they in the Bay Colony would be a "citty on a hill," watched by people throughout the world for the purity of their religious practice (and the way it was supported, i.e., enforced, by the government).

For all their concern to be free to practice their own religious reformations, the Puritans were not supportive of reformations by others. Roger Williams, among many others, was banished from the Bay Colony. In 1630 to 1658, several Quakers who refused to remain banished were hung, including Mary Dyer whose statue is on the grounds of the Massachusetts State House.

{8} The Puritans believed in education so that their citizens could study the Bible and read the laws and acts that governed them. By 1635 they had established the first public school in English North America, Boston Latin (there are signs on both sides of School Street outside the side door of the conference hotel noting early locations of the Boston Latin school). A couple of years later, Harvard College was established in Cambridge.

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- {9} In 1638 Rev. Joseph Glover contracted with Stephen Daye for the two of them and their families to travel from England to Cambridge (in the colonies) along with a printing press, type, and printing materials, where Daye would be responsible for setting up and running the printing press in Glover's home. This printing press, the first in British North America (the church in colonial Mexico had a Spanish language printing press a hundred years earlier), was at least nominally operated under the auspices of Harvard. Glover died before their ship reached Massachusetts, and Daye carried out his contract for the widow Elizabeth Glover. Stephen's son Matthew was also involved with the printing activity. Stephen was a locksmith and Matthew had apprenticed as a printer, so historians suspect Matthew did most of the actual printing. In any case, there was probably a lot of on-the-job learning about printing.
- {10} After printing a couple of other documents of which no copies remain, in 1640 Stephen Daye printed the so-called Bay Psalm Book, the first book written and printed in British America. In most of the churches in the Massachusetts Bay Colony, the Bay Psalm Book replaced the earlier Psalm books the Puritans had brought with them from England—hence the popular name "Bay Psalm Book." Its actual title was The Whole Booke of Psalmes Faithfully Translated into English Metre.
- {11} In 1649 Matthew Daye died and Samuel Green took over the printing activity. Green also did a lot of on-the-job learning. By 1656 Green had two presses. According to Lawrence Wroth in his contribution to Lehmann-Haupt52 (p. 8), for 40 years this activity was the "press of Harvard College," although there was not really enough work over the years to keep Green working full time. Green stopped printing in 1692. After Green, printing in colonial Cambridge was finished.

Green had 19 children, 8 with his first wife and 11 with his second wife, and many of Green's descendants became printers, forming a dynasty of printers extending up and down the east coast.

In addition to no liberalism in religious practice, there was no freedom for printing (at least within the Massachusetts Bay Colony). The goal of the print shop operated by the Dayes and then the Greens was to support the church and the commonwealth.

(As I understand it, the original purpose of copyrights—circa 16<sup>th</sup> century—was to control printing of books. The authorities only gave the "right to copy" to a chosen few who were allowed to print only what the authorities liked. There was somewhat of an English tradition of freedom of expression, but this was primarily about no prior restraint. Post-speech or post-publication, the authorities could punish expression they didn't like.)

- {12} Some of the publications over the year of existence of the press were [Wroth, ibid]: "a book of capital laws...; small pieces relating to the scholastic activities of the college; annual almanacs; a second edition of the 'Bay Psalm Book'; catechisms; a document relating to the troubles with the Narragansett Indians; a platform of the prevailing Congregational faith; and numerous sermons and doctrinal treatises."
- {13} "The press reached the highest point of its activity with the publication in 1663 of John Eliot's translation of the whole Bible into the Indian tongue..." [Wroth, ibid]. This was a massive effort, producing over 1,000 copies and requiring a special shipment of paper from England. It was the first Bible printed in the western hemisphere. On the title page, Samuel Green is listed as the printer, and his apprentice Marmaduke Johnson is also listed.

To slightly paraphrase Wroth, this Cambridge press did its job of being, over half a century, an intellectual force in a new and rude environment.

- {14} From 1674 on, printing was also allowed in Boston, on a case-by-case basis. Marmaduke Johnson received permission to print in Boston, but died before he could do any printing. Some of the following Boston printers were [Thomas 70]:
  - John Foster, 1676–1680; licensed to do printing, he was the first person who actually did printing in Boston.
  - Samuel Sewall, 1681–1684: he was a bookseller, licensed to do printing, who printed acts and laws and books for himself and others; Samuel Green Jr. was his printer.
  - James Glen, who also printed for Sewall before going out on his own.
  - Samuel Green Jr., who printed work both for himself and for booksellers and was allowed to continue printing after Sewall's death; Green died in 1690.
  - Richard Pierce, 1684–1690, the fifth Boston printer, who printed for himself and booksellers.

• Bartholomew Green, who first worked for his father in Cambridge and then took over his brother's activity in 1690. In 1704 he started the *Boston News-Letter* for the postmaster, who somehow asserted a right to have a newspaper.

There were a number of other printers in colonial Boston, i.e., between 1700 and 1775 when the Revolutionary War started. All this is detailed in Thomas's book.

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Looking beyond printing, there were no strong lines between trades. Printers worked for booksellers, booksellers did some of their own printing, printers published newspapers, binding was often a separate trade but not always, and printers publishing newspapers did some of their own writing.

{15} Isaiah Thomas lists about 90 booksellers between 1641 and 1771 [Thomas70]. Initially there was a bookseller or two in Cambridge. Next there were booksellers in Boston, particularly along the street and slope known as Cornhill. Hezekiah Ushel was the first in Boston, 1650–1771.

Booksellers sold (and sometimes printed) acts and laws, books on religion, school books, books on politics, imported books, and new printings of books pirated from Europe. The shops of booksellers were often also community meeting places.

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- {16} Colonial Boston also has a rich history of newspapers [Thomas 70]:
  - The Boston News-Letter, 1704–1776, was started by the Boston postmaster and printer John Campbell. This was the first newspaper in Colonies. It had lots of editors over the years, and was printed through the siege of the 1770s.
  - The Boston Gazette, 1719–1798, was started by the next postmaster, William Brooker. (Apparently postmasters thought they had a right to have a newspaper.) Brooker hired James Franklin to do the printing. The Gazette had a long line of successor organizations.
  - The New-England Courant, 1721–1727, was started by James Franklin, who had lost his job with the Gazette within a couple of years.

Isaiah Thomas lists another ten Boston newspapers prior to 1775, including his own *Massachusetts Spy*, published in Boston from 1770 through April 1775. I will touch more on this in the next section.

{17} Before leaving the topic of Boston's colonial newspapers, I'll say a little about the most famous colonial Boston-trained printer, Ben Franklin, who was born on Milk Street and baptized at the Old

South Meeting House, and attended Boston Latin on School Street for two years [Franklin40, Isaacson04].

- {18} Ben's much older brother James had gone to England to apprentice as a printer. He returned in 1717 with a press and a small amount of type. James's shop was at the corner of Court Street and Franklin Avenue (called Queen Street and Dorset Alley in pre-Revolutionary times [Drake70]). Ben was indentured at age 12 to his brother James to learn the printing trade. The indenture was to last until age 21.
- {19} James started the New-England Courant in 1721, and it was the first "truly independent newspaper in the colonies and the first with literary aspirations" [Isaacson04]. For disagreeing in print with the authorities, James was imprisoned for a month in 1722. He was released on the condition that "James Franklin not publish the Courant," so Ben became the publisher in name. However, Ben couldn't be the publisher while still indentured to James, and so officially Ben's indenture was ended—although a follow-on secret document of indenture was made.

Ben contributed a lot to the *Courant*, including 14 humorous letters over six months under the name of the widow Silence Dogood. However, Ben and James didn't agree on things, and in 1723 Ben broke his secret indenture and went to Philadelphia, knowing that James could hardly admit that such a secret indenture existed.

By 1727, James, faced with continuing suppression of his press, had moved his printing business to Newport, RI.

# Revolutionary War (1775–1783); transition

{20} The stamp act of 1765 was an incendiary event which produced resistance to British rule in the colonies. This was a tax by the British Parliament on printed materials in the colonies—the printed materials had to be produced on paper carrying an embossed revenue stamp. It was repealed a year later, but Parliament continued to assert its power to regulate the colonies and other taxes and regulations were imposed.

As resistance to British control increased, the colonial press participated and got in trouble. One of the printers involved in the resistance was Isaiah Thomas [Blumenthal89], to whose book I have frequently referred [Thomas 70].

{21} Isaiah Thomas was born in 1749. His widowed mother could not support him, and at age 6 he was apprenticed to a printer with an indenture to age 21. He did both personal jobs for the childless printer and his wife and printing jobs. In particular, according to Thomas himself, he "set types, for

which purpose he was mounted on a bench eighteen inches high, and the whole length of a double frame which contained case of both roman and italic."

The printer was not too skilled, but Thomas nevertheless quickly acquired the craft. A decade or so later, he escaped from his indenture and went elsewhere on the east coast to try to learn more about printing. By 1770 he was back in Boston, initially briefly in partnership with his former master. In 1771, Thomas started his own newspaper, the  $Massachusetts\ Spy.\ \{22\}$ 

{23} As time went on and discontent with England grew in the colonies, Thomas used his Massachusetts Spy to support the causes of the Founding Fathers against England, and his print shop became known as the "Forge of Sedition." as many resistance meetings were held there. Thomas himself refers to his press as the "sedition machine." A 1774 edition of the paper shows the famous "join or die" slogan (first published in a cartoon and essay by Ben Franklin in Philadelphia), meaning that the colonies must join together or they would die separately.

{24} Shortly before April 19, 1775, the day of the British march on Lexington and Concord, Thomas transported a press out of Boston to Worcester, 40 miles to the west. He snuck out of Boston on April 18, 1775, and briefly joined the Lexington militia. Then two days later he traveled to Worcester where on May 3 he restarted publication of the *Massachusetts Spy*, including the first printed accounts of the Battle of Lexington and Concord.

{25,26} After the war Thomas stayed in Worcester and, after some struggle, he began to develop a successful business. The business did well and Thomas became the "country's leading printer, publish, editor, and bookseller" [AAS12]. In Worcester, he had a big printing plant, a bindery, and a paper mill; he had branch offices, including one in Boston, and partnerships with a number of other publishingworld companies throughout the new country.

{27} "Thomas retired in 1802 and devoted the rest of his productive and long life to collecting, scholarship, and philanthropy" [AAS12]. He wrote the marvelous and comprehensive 1810 book, The History of Printing in America. "In 1812 he established the American Antiquarian Society to house his remarkable library of 8,000 volumes, with a mission to collect, preserve and make available the printed record of the United States for future generations. He served as president of AAS until his death in 1831" [AAS12].

Thomas's Old No. 1 printing press resides at the Antiquarian Society in Worcester.

{28} After the Revolutionary War, the press

was no longer regulated, and the technologies of the industrial revolution were applied in the publishing and printing business. I have just mentioned the example of Isaiah Thomas and his success.

Initially rotary presses were available and, eventually, much more efficient typesetting machines. {29} Presumably using this technology, the *Boston Advertiser* was founded in 1813, Boston's first daily newspaper.

{30} However, in the years of the first third of the 1800s, Boston ceased to be the publishing center of what was now the new country. The big publishing centers were now New York and Philadelphia. Other cities such as Baltimore, Cincinnati and New Orleans also developed strong publishing activities.

# Liberal elites of the mid-19<sup>th</sup> century

{31} Although Boston was no longer the country's center of publishing, in the 1800s Boston was the center of an important philosophical and literary movement [Barry12, Myerson80, Phillips06, Rose81, Wilson05]. (Look at Figure 1 in parallel with the following several paragraphs of description.)

The Puritans came here as Congregationalists, but individuals still needed to follow the doctrine and creed of their congregation (and to sign the Freeman's Oath to be a citizen of the Massachusetts Bay Colony). As mentioned earlier, if someone wanted to promote some other version of religion, the Puritans kicked that person out of the Colony with lethal punishment for not staving out.

As the Revolution drew near, the churches largely favored the revolution, and I suppose in some sense this was at least a partial departure from the conservatism inherent in the colonial Puritan churches.

In the early 1800s, the Unitarian approach became more popular: people could be religious using their own reason and not just reliance on doctrine and creed. Eventually Harvard appointed Unitarians as president and the divinity professor, and thus ministers coming out of Harvard were Unitarians, and in time a majority of the First Parish churches around the Massachusetts Bay region switched from Congregational to Unitarian.

Kings Chapel, across the street from the conference hotel, is a special case. Before the Revolution it was Anglican. After the Revolution it became Unitarian, but they liked their Anglican Book of Common Prayer and rewrote it to be consistent with Unitarianism. (Today they state, "We are Unitarian in theology, Anglican in worship service, and Congregational in governance.")

All this thought about reason, individual goodness and personal relationship with god, etc., helped

Church of England under the reign of King Charles

 Church subordinate to state (Biblical justification); much hierarchy, ritual, and decoration between the individual and God; anti-Calvinism (predestination)

Puritans in the Massachusetts Bay Colony

 Congregational governance without ritual or decoration; theocratic state; Calvinist; Biblical literalism; exclusive

#### Unitarians

 Each individual could find Christian truth through intellectual freedom, reason and empirical evidence (e.g., from the Bible but without literalism); one God (not Trinity); no original sin or predestination; concern with moral and social harmony of a diverse population; anti-revivalist; use of writings, lectures, etc., to reach out

Transcendentalists (several thrusts)

- Religion: intuition and spirituality rather than reason; Eclecticism instead of Christianity; practically, more of a philosophy and idealism than a religion; deliberately no component of being an organized religion
- Social movement: arguing for (and practicing)
  the goodness and self-reliance of man (partly as a
  reaction to urbanization and capitalism); impractical
- Literature: believed literature was a contributor to the betterment of man; called for a new, American, literature
  - wrote some now-venerated works
  - attitudes evolved to acceptance of the progress of the Industrial Age and international trade (and acceptance of capitalism)
  - further development of literature and a cultural environment
- Broader world of social improvement; active in the abolition movement, women's rights, education reform, and improving conditions of people in unfortunate circumstances

Figure 1: The evolution of spiritual doctrine from the Puritans to the Transcendentalists (my superficial, perhaps inaccurate, approximation of the transitions).

lead to the Transcendentalists and their idealism. (In national politics today, we sometimes hear about the Massachusetts/Cambridge/Harvard liberal elites. It's a long tradition. There were liberal elites in Cambridge, Boston, and Concord over 150 years ago.)

In addition to their philosophy and idealism, the Transcendentalists sought to create a new American literature.

{32} One of the important meeting places was Elizabeth Peabody's bookstore, which still exists today (as a restaurant) on West Street near the conference hotel. The plaque on the wall of the building gives a good summary of the importance of Elizabeth Peabody and her bookstore:

Elizabeth Peabody, the first female publisher in Boston, maintained a home and business here in the 1840s. Her bookshop was the first in the city to offer books by foreign authors; and she published the periodical *The Dial* with Ralph Waldo Emerson. The shop was the meeting place for transcendentalists and intellectuals. Journalist Margaret Fuller [who lived on Winter Street, I believe, a couple of blocks away] gave lectures here called "Conversations," which were an important part of the early American feminist movement.

The Dial: A Magazine for Literature, Philosophy, and Religion was "an organ for the dissemination of Transcendental thought" [Wilson05]. The lectures were called "conversations" because women were not supposed to do public speaking in the 1840s.

- {33} Another meeting place was the Old Corner Bookstore, which in the mid-to-late 1800s was both a publishing location for and meeting place of the transcendentalists and other intellectuals. I'll return to the Old Corner Bookstore in the next section.
- {34} Founded in 1885, the Saturday Club at the Parker House hotel (our conference hotel) was another meeting place of intellectuals. (Not only did they do a lot of writing, they apparently liked to spend a lot of time in each other's company talking about their thinking.) Here Charles Dickens gave a preliminary reading of the Christmas Carol to the Saturday Club before he did the public reading next door at the Tremont Temple. Here they conceived and started the *Atlantic Monthly* magazine in 1887.
- {35} It was in volume 1, issue 6, of the Atlantic Monthly that Oliver Wendell Holmes wrote in his series "Autocrat at the Breakfast Table" that Boston (specifically the State House) was the "Hub of the Solar System," suggesting that Boston was the center of everything commercial and intellectual at that time. The Massachusetts elites were not modest. At various times, the Old Corner Book Store and other famous downtown Boston locations have been called "the hub of the hub."

# Mid-1800s on — Boston is just another big American city

{36} Despite Boston's claim as a intellectual and cultural center, by the mid-1800s, it was just another big American City, in general publishing terms. The history leading up to this brings me back to the Old Corner Book store [Hall10, Tebbel72, Tebbel75].

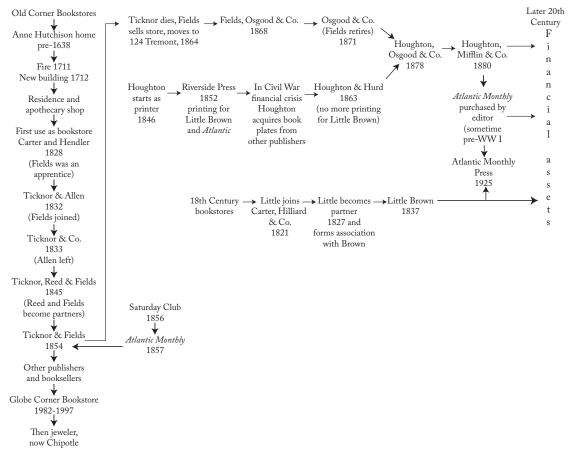


Figure 2: Some transitions in Boston publishing, from the middle years of the 19<sup>th</sup> century.

{37} Going down the left column of Figure 2, we have the history of the Old Corner Bookstore building, which in time became a building housing booksellers and publishers, including eventually the important publisher known as Ticknor and Fields. A little while after the *Atlantic Monthly* was established, Ticknor and Fields acquired the Old Corner Bookstore. Then, after Ticknor's death, Fields moved the publishing business and the *Atlantic* to Tremont Street.

Also shown in the figure, coming out of the 1700s, were the predecessor organizations to Little Brown.

Finally (also on the figure), Henry Houghton, just out of college, started work as a printer, eventually acquired his own business; and he established the Riverside Press in 1852 in Cambridge where he also did printing for Little Brown and later for the Atlantic Monthly. During the economic downturn resulting from the Civil War, Houghton acquired book plates from various failing publishers, and eventually went into publishing himself (with Melancthon Hurd

as a New York partner), which caused Little Brown to drop Riverside Press as a printer.

In time the successor partners to Ticknor and Fields merged with Houghton's company, George Mifflin joined, and later, with Houghton growing old and Mifflin by that time a partner, the company became Houghton Mifflin.

In the early 1900s, the editors of the *Atlantic Monthly* bought the magazine from Houghton Mifflin.

From then until circa 1970, Houghton Mifflin and Little Brown were the "big two" Boston publishers, and the *Atlantic Monthly* was a Boston institution. At that point, these historic institutions increasing were important as financial assets to be bought and sold.

{38} Of course there were other publishers in Boston besides the Big Two, including specialty publishers. Two examples are the Beacon Press (1854–present) and Daniel Berkeley Updike's Merrymount Press (1893–1941).

The Beacon press was and is the publisher for the Unitarians, now UU, church. Its first location was on Bromfield, the street parallel to School Street behind the hotel. It later moved to Washington Street, and then to Beacon Hill. Its current building is on Joy Street, a block from the Beacon Street headquarters of the UUs. In the 19<sup>th</sup> century it primarily printed sermons and other books related to Unitarian theology. Since the 20<sup>th</sup> century it has printed many non-religious books, consistent with its mission to publish works that "affirm and promote ... the inherent worth and dignity of every person; justice, equity and compassion in human relations; acceptance of one another; a free and responsible search for truth and meaning; the right of conscience and the use of the democratic process in society; the goal of the world community with peace, liberty, and justice for all; respect for the interdependent web of all existence; and the importance of literature and the arts in democratic life" [Beacon12].

{39} Daniel Berkeley Updike was a fine book publisher [Blumenthal89], who had previously gained experience for over a decade at Houghton Mifflin and its Riverside Press [Kelly11]. Updike also was greatly interested in the history of printing types, and in 1922 published his classic book, *Printing Types, Their History, Forms and Use: A Study in Survivals.* (Barbara Beeton has told me, in a 2012-06-21 email, that "Updike's archives from the Merrymount press are now in the special collections of the Providence Public Library; they include an incredible variety of specimen sheets and other material of interest to typographers and book designers.")

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- {40} There were lots of Boston papers in the 1800s and 1900s, for example: Boston Daily Advertiser, 1813; Boston Journal, 1833; Boston Evening Traveler, 1845; Boston Herald, 1846; Boston Globe, 1872; Boston American, 1904; plus smaller town papers. There were also lots of mergers and acquisitions, i.e., industry consolidation as the mid-1900s neared.
- {41} Boston's newspaper row was on Washington Street, down the one-block length of School Street from the conference hotel. {42} In the days before radio and TV were common, crowds stood in Washington Street to hear the latest news, e.g., of an election or prize fight.

An alley off Washington Street, a short way from the School Street intersection, is named Pi Alley. Purportedly it is named Pi Alley because of all the newspapers in the area and the fact that a box of type dropped and scrambled on the floor was known as "pied type."

{43} In the colonial days, the printers typically had very little type — maybe one or two sizes, maybe not

italic, maybe not two different typefaces. What type they did have came from Europe.

By 1800, Williams Caslon's types had made it to the new country in many variations. Isaiah Thomas's specimen book of types featured Caslon on its cover: "Being as large and complete an assortment as is to be met with in any one printing-office in America. Chiefly manufactured by that great artist William Caslon, Esq., of London" [Blumenthal89]. (As an homage to the popularity of Caslon type in the eras under discussion (for instance, it was also used for the Declaration of Independence), I used Adobe Caslon Pro for the text of my presentation slides and also have used it for Figure 2 of this article.)

Type foundries took a while to get going in the United States. The first successful one in Boston was the Dickinson type foundry, founded in 1839. There were a few other foundries by the time of the great Boston fire of 1872, in which all the type foundries were destroyed.

There were five type foundries in Boston by the time of the American Type Founders (ATF) consolidation of 1892: "the Dickinson Type Founders, Boston Type Foundry, New England Type Foundry, Curtis & Mitchell Type Foundry, and the H.C. Hansen Type Foundry. The H.C. Hansen Type Foundry was started in late 1872 after the fire (Hansen had been an employee of Dickinson). The New England and Curtis & Mitchell foundries soon disappeared. The Dickinson and Boston foundries were absorbed by ATF. H.C. Hansen, later with his sons, remained in existence until 1922 as an independent type foundry" [Devroye02].

No doubt a good bit of type design also went on in Boston. Two individuals well-known for their type designs were Bruce Rogers and Bertram Grosvenor Goodhue [Blumenthal89].

Goodhue (1869–1924) was a celebrated architect who also did book and type design, in particular the Merrymount type for the Merrymount press and Cheltenham type (originally known as Boston Old Style). Cheltenham was widely popular in the early decades of the twentieth century. Digital versions have been created in recent decades including a version for the New York Times designed by Matthew Carter.

{44,45} Rogers (1870–1957) is viewed by some as the greatest book designer of the 20<sup>th</sup> century. He worked at Riverside Press from 1895 to 1911 (he took over Updike's position [Kelly11]) where he created many fine editions. Two of the types he designed are Montaigne (at Riverside Press) and Centaur (for New York's Metropolitan Museum of Art). Centaur remains widely available (for example,

it comes with Microsoft and Adobe products). I particularly like the slanted hyphen of Rogers's original Centaur, which apparently and unfortunately is no longer slanted in the digital recreation. Rogers practiced so-called "allusive typography" where the type and ornamentation were matched to the content of the book.

### Personal observations, 1964-present

{46} This last section, covering the period of time I have lived in Boston and adjacent towns, is about my personal experience and observations rather than trying to cover printing and publishing history.

As I mentioned at the start of this note, Boston seemed a literary mecca when I first arrived here in 1964. In Harvard Square, near where I originally lived, the Harvard Coop and the Paperback Booksmith were my primary bookstores, but there were a variety of other stores selling new books in the Harvard Square neighborhood. Also, there seemed to be dozens of used bookstores. The Out of Town News in the middle of Harvard Square and Nini's Corner across the street had lots of magazines and newspapers from around the world for sale. At the time Out of Town News had perhaps a hundred different foreign newspapers shipped in by air and would sell up to 600 London papers on Sundays and 1,500 Irish papers a week.

I had also not previously been where I could easily use the libraries of multiple communities. Most of the time since I arrived in Boston I have had library cards for three different library systems, e.g., originally Cambridge, Boston, and Belmont (on my way to and from work). Also, because I originally worked for MIT, I could use its libraries and occasionally found a reason and way to access Harvard libraries.

In my early years in the region, Boston also had many bookstores selling new books and even more used-book stores, it seemed, than in Cambridge.

- {47} I also liked the major newspaper options: Globe (more liberal), Herald (more conservative), and Christian Science Monitor (a wonderful 6-day-a-week paper providing unbiased world news). Over time some interesting weekly newspapers were founded as well as the African-American Bay State Banner.
- {48} As I got to know Boston, I also got to know the locations of such publishing institutions as the Riverside Press in Cambridge, {49} Little Brown at the corner of Joy and Beacon Streets on Beacon Hill facing the Boston Common, {50} the *Atlantic Monthly* on Arlington Street facing the Boston Public Garden, and {51} Houghton Mifflin which in 1972 moved into the high rise building diagonally across the intersection from the conference hotel.

Much has changed in the nearly 50 years I have lived in or around Boston (an average of 3.5 miles from the conference hotel and never more than 8.3 miles). At some point (circa 1980 perhaps) the big chains of bookstores began displacing the independent bookstores and small chains, for example, Barnes and Noble, Waldenbooks, Borders, and eventually Wa-

A few years ago, Out of Town News stopped carrying most of its foreign newspapers.

terstones (from the UK) came to Boston.

As mentioned above, the big two publishers (Little Brown and Houghton Mifflin) have become substantially financial assets rather than institutions dedicated to the mission of publishing. The Riverside Press is gone from Cambridge, and the *Atlantic Monthly* is now part of a non-Boston publishing empire.

{52} A notable exception to the decline of publishing in Boston is "David R. Godine, Publisher." Godine started his publishing business printing his own books in nearby Brookline. Dedicated to publishing quality books, the business has slowly grown. When I first became aware of it, {53} it was based in the beautiful Victorian Ames-Webster mansion at the corner of Dartmouth Street and Commonwealth Avenue in Boston (it is now based about 400 feet from the conference hotel).

{54} Another exception is International Data Corporation, now part of the International Data Group. This company publishes business data and 300 magazines in 85 countries. It founded the "Dummies" series of books (later sold to Wiley). Its head-quarters is across the street from the Boston Public Library in a high rise building (known locally as the Darth Vader building—not a compliment).

Of course, Godine and IDC are not the only positive notes, but they are an exception to the apparent general decline of publishing and printing in Boston. (During many of my years in Boston, Addison-Wesley, Knuth's TEX publisher was based just outside of Boston. I also now know that Bitstream was started in Cambridge; and Matthew Carter, a founder of Bitstream and now of Carter and Cone, lives in Cambridge. A few other type design activities are still based in Boston.)

As we have moved into the Internet era, the Globe and Herald newspapers were bought by out-of-town newspaper empires (the Herald has since become independent again but is struggling). The Christian Science Monitor has become an on-line newspaper. And most of the chain bookstores have succumbed to the competition of on-line bookstores such as Amazon and to the popularity of the e-book.

With our present American culture of "no new taxes," the city and town libraries have cut their hours.

Nonetheless, Boston still remains a major urban, educational, and cultural center with some pretty nifty literary resources, particularly its libraries. {55} Some notable libraries are at Harvard (founded 1636) libraries (with 80 libraries and 15 million books); the Boston Athenæum (founded 1807); the New England Historical and Genealogical Society (founded 1845); Boston Public Library (founded 1848, the first large city public library in the country including having a circulating library [Whitehill56], now with many branches and 15 million books); and MIT (founded 1865) libraries (divided into several sub-libraries with 3 million books).

In addition to being notable, these libraries are close enough together to require minimal travel time among them—so close together it is probably faster to take public transportation than to find parking. A walk passing each of them would only take about 90 minutes: one mile from the {56} Athenæum to the {57} NEHGS; two blocks from the NEHGS to the {59} BPL (the BLP was previously {58} on Tremont Street); 1.5 miles from the BPL to MIT (1 mile as the crow flies across the Charles River, or as the Tech dinghy sails), {60} whose original building was across the street from the current location of the NEHGS; and 1.7 miles from MIT to Harvard. {61}

The youngest of these libraries is almost 150 years old. So obviously it is possible for a literary institution to withstand and adapt to the evolution of culture and economics—I suspect because they have never viewed profit as a key aspect of their missions.

Furthermore, since 1964, accessibility to library materials has become even easier. There were always many town libraries and libraries at the dozens of other colleges and universities in and around Boston. Now lots of the libraries are in library networks, so one can ask for a book at any of the cooperating libraries to be sent to one's own library. Also, there is the Massachusetts Virtual Library which supports exchange of books among networks. There is so much exchange going on that there is a company which has made a business of vans driving among the various libraries and networks of libraries doing deliveries and returns of exchanged books.

I am sure much of this is no different than what is going on in other states in the United States and in other areas around the world. Still, being based near Boston is particularly convenient for using libraries for research projects.

{62} For bookstores, today Barnes and Noble is the only big chain still in Boston, with a store at the Prudential Center in Back Bay and operating some of the university and college bookstores. It is a little hard to find a general-purpose independent store focusing on new books in Boston. Commonwealth Books and Brattle Book Shop primarily sell used books, and are within easy walking distance of the conference hotel.

In Cambridge, the MIT Press bookstore and the MIT Coop bookstore, selling new books, are across the street from each other. Moving on to Cambridge's Central Square and then Harvard Square, there are still a few used bookstores (e.g., Rodney's). Selling new books, in Harvard Square there are still the Harvard Book Store (founded in 1932 and never a part of Harvard), Grolier Poetry Bookshop (1927), and Schoenhof's Foreign Books (1856). Harvard Book Store and Grolier are still independently owned, in each case by a relatively new owner concerned that an institution not go out of business. Schoenhof's is no longer independently owned.

{63} A particular favorite bookstore for me is the Harvard Book Store. It has no relationship to Harvard University except to have Harvard buildings on three sides of it. They have a large selection of new books and used books, and they offer bicycle delivery in Cambridge and nearby. {64} They also have an Espresso Book Machine (EBM), which they have named Paige M. Gutenborg, for in-store ondemand printing of a customer's self-published book or millions of legally printable books from Google books, publishers, and other on-list books archives. (The EBM is another publishing activity where Jason Epstein has been a prime mover. Epstein was previously editorial director at Random House for 40 years and personally edited many famous authors; he co-founded the New York Review of Books, founded the Library of America line of books, and published the Reader's Catalog in the mid-1980s to make 40,000 books available through a phone-call purchase.)

{65} A visit to the Harvard Book Store and their in-store book-printing machine brings us geographically full circle. {66} The Harvard Book Store is a three minute walk from the location of Stephen Daye's original 1639 print shop. {67} And by doing in-house printing, the bookstore has in some sense come full circle in the history of American printing and bookselling — back to its roots where booksellers often printed and published books and where printers sometimes had retail sales of books they printed.

Recently, I took the opportunity of visiting the Harvard Book Store and Paige M. Gutenborg to have a facsimile copy of the *Bay Psalms* printed for me. And that brings this talk full circle.

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{68} Steve Peter gave me pointers to useful books. Jeff Mayersohn of Harvard Book Store pointed me to people and places, loaned me books, and gave me a print-on-demand copy of the Bay Psalms. The librarians at the Boston Athenæum and Boston Public Library helped me find books. Karl Berry caught many typographical errors and made other editorial suggestions. Barbara Beeton suggested some content additions and editorial changes. Jeffrey Stanett and Ryan Shea Paré of First Printer restaurant answered questions and allowed me to take photographs of their printing-history artifacts.

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