

CONTENTS

Illustrations xi

Introduction: The Tramp of a Fly's Footstep 3

Hearing Things 3

An Auscultative Age 7

Nuisance and Resonance 11

I

"What the Waves Were Always Saying": Voices, Volumes,
Dombey and Son 15

Babbage and Dickens: A Library of Air 15

"Away, with a Shriek, and a Roar, and a Rattle" 20

Forever and Forever through Space 34

2

The Soundproof Study: Victorian Professional Identity
and Urban Noise 41

Scatterbrain London 41

"Blackguard Savoyards and Herds of German Swine" 45

Writers' Block 52

Embodying Noise: The Leech Case 65

"Great Facts" 77

3

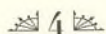
George Eliot's Ear: New Acoustics in *Daniel Deronda*
and Beyond 82

On the Other Side of Silence 82

Helmholtz and Eliot: Sympathetic Vibration 84

"On the Verge of a Great Discovery": Talking Cures 100

CONTENTS



The Recorded Voice from Victorian Aura to
Modernist Echo 110

Tennyson's Talking Machine 110
"Send Me Mr. Gladstone's Voice" 113
Sinful Speech 126
Sound Bites 133
Coda: The Victor Dog 142

Appendix:
Dickens's Prospectus for the Cheap Edition (1847) 147

Notes 151

Bibliography 193

Index 211

❧ INDEX ❧

Page numbers in *italic type* indicate illustrations.

- acoustical engineering, 78
- acoustics
 - coining of term, 176n.11
 - Helmholtz's work on, 85–86, 91, 100
- acoustic vibrations, 4, 17, 133–34. *See also* sympathetic resonance
- Aeolian harp, 7, 10
- aesthetics, 62, 85, 88, 91, 92
- Altick, Richard D., 29, 159n.12
- amplification, 3–5, 6, 10
- anti-street music movement, 11, 12, 42–47, 52–65, 77, 81
 - aesthetics-based arguments, 62–63
 - as anti-immigrant, 45–53, 54, 62, 63–64, 65, 80–81
 - Babbage and, 52, 56–58, 64, 67, 156n.2
 - Bass and, 58–60, 63–64
 - Leech and, 49, 50–51, 54, 64, 68–70, 73, 68, 69, 70, 71, 72, 74, 75, 76
 - satires on, 78
- Apocalypse Now* (film), 140
- Arata, Stephen, 137
- Armstrong, Tim, 188n.50
- Attali, Jacques, 44, 45
- Auerbach, Emily, 92
- Auerbach, Nina, 160–61n.23, 164nn.51, 53
- aural experience. *See* hearing; sound
- aural presence theory (Babbage), 15–17, 21, 22, 58, 165n.60
- auscultation, 6, 152–53n.13
- authorial voice. *See* voice
- Babbage, Charles, 12, 41, 77, 158n.8
 - anti-street music campaign by, 52, 56–58, 64, 67, 156n.2
 - calculating engines of, 15, 56, 156n.2, 157n.4, 159n.10
 - "Chapter on Street Nuisances," 56–58
 - The Ninth Bridgewater Treatise*, 15, 16–17, 22, 38–39, 40, 58, 157nn. 3, 4, 159n.10, 161n.26, 165n.61
 - sound theories of, 15–17, 21, 22, 38–39, 40, 58, 165n.60
- Babbage, Henry P., 16
- Bacon, Francis, 177–78n.18
- Bailey, Peter, 14, 42, 62, 156n.41
- Baker, William, 104, 177n.18, 183n.82
- Ballantyne, R. M., 4
- Barraud, Francis, 142–45, 143, 144
- Barry, E. M., 61
- Bass, Michael Thomas, 56, 58–66, 73, 77, 78, 171n.54
- Bauhin, Caspar, 176n.11
- Baumgarten, Murray, 28, 163n.40
- Baune, Victor, 52
- Beales, Derek, 170n.30
- Beer, Gillian, 22, 85, 94–95, 161n.28, 175nn.2, 6, 176nn.8, 10, 178n.25
- Bell, Alexander Graham, 82, 84, 100–101, 102, 104, 114, 183n.81
- Bell, Alexander Melville, 10, 183n.81
- Benjamin, Walter, 112, 123
- Bentley railway series, 29
- Blackwood, John, 96, 100
- Bodenheimer, Rosemarie, 97, 179n.43
- book trade, 53
 - cheap literature, 28–30, 34
 - Dickens's Cheap Edition, 29, 34–36, 37, 38, 39, 147–49, 165nn.60, 61
 - railway stalls, 28, 29, 30
 - yellowbacks, 29, 103
- Booth, Alison, 181n.53
- Brady, Erika, 187n.29

- brain-workers. *See* home-based professionals
- brass bands, 57, 62
- Brewster, David, 8, 9, 177n.18
- Brewster, Scott, 153n.15
- Bridgewater Treatises, 156–57n.3
- Brock, W. H., 157n.3
- Brooks, Peter, 91, 97
- Browne, H. K. ("Phiz"), 26
- Browning, Robert, 39, 122–23, 126, 139
cylinder indentations and, 136, 136
"séance" for, 123, 124, 143
- Browning, Sarianna, 123
- Brücke, Ernst, 107
- Bunbury, Sir Henry, 8
- Burgan, Mary, 92
- Buxton, H. W., 157n.5, 158n.7
- Byatt, A. S., 126
- Byerly, Alison, 89, 177n.17, 179n.37
- Caedmon recordings, 11
- Cage, John, 6, 95, 152n.10, 155n.38
- Calder, Jenni, 80
- Cannon, Walter, 157n.4
- Carlson, W. Bernard, 183n.78
- Carlyle, Jane, 55–56
- Carlyle, Thomas, 12, 61, 73
Lecture on Silence, 41
soundproof study plan, 6, 43–45, 55–56
- Carroll, Lewis, 77, 189n.54
- Cavour, comte di, 48, 169nn.29, 30
- Chambers, Robert, 157n.4
- Channing, William, 189n.51
- Chase, Karen, 61
- Chatto, Andrew, 127
- Chaucer, Geoffrey, 158n.5
- Cheap Edition, 29, 36–39, 165nn.60, 61
Dickens's Prospectus, 34–36, 147–49
- cheap literature, 28–30, 34, 103, 164n.58
- Cheyette, Bryan, 175n.4
- Christie, Ian, 189n.54
- circulating railway library, 29
- Civil War, American, 116, 118, 182n.66
- clairaudience, 13
- Clark, Robert, 162n.32
- Clarke, Norma, 55
- Clayton, Jay, 156n.2, 158n.8, 184n.4
- close listening
Dickens and, 7, 38
Edison's manner of, 133–34
Eliot and, 6, 83, 91–92, 109
scientific shift toward, 8, 91
- cochlea, 87
- Cohen, Jane R., 174n.86
- Coleridge, Samuel Taylor, *The Friend*, 7–8
- Collins, Charles, 52
- Collins, Philip, 125, 126
- Collins, Wilkie, 61, 120
"The Dream Woman," 120
"The Lazy Tour of Two Idle Apprentices"
(with Dickens), 31–32
The Moonstone, 120
The Woman in White, 92, 120
- color vision, 85
- Colpi, Terri, 169n.23
- Columbia Records, 189n.53
- computer, 15, 56, 156n.2, 157n.4, 159n.10
- Connor, Steven, 14, 154n.25, 166n.67,
166n.69, 182n.68, 186n.25, 188n.47,
191n.83
- Conrad, Joseph, 137–41, 142, 143
Heart of Darkness, 12–13, 112, 137–41, 142
- Conroy, John, 156n.1
- Corbin, Alain, 168nn.17, 19
"corps sonore," 183n.75
- Corti, Alfonso, 87, 176n.11
- Crary, Jonathan, 15n.9
- Crystal Palace (London), 118, 119
- Cuddy-Keane, Melba, 152n.11
- "Cuna Talking Dog, The" (folk art),
191n.84
- Dale, Peter Allan, 87
- Daniel Deronda* (Eliot), 12, 82–109
epigraph for, 96
Freud's comments on, 107
importance of sound in, 91
interiority and, 83
James (Henry) reviews of, 95, 104
names in, 92
"radical uncertainty" of narrative of, 83
"separateness with communication" and,
99, 100, 104, 107
- Darwin, Charles, 69, 84, 158n.8, 175n.6
Autobiography, 41
On the Origin of Species, 70, 85
- Davidoff, Leonore, 52, 53
- deafness, 9, 152n.11
- death
noise linked with, 41–42, 44–45
phonograph cylinders and, 123, 124,
132–33
pulp fiction and, 164n.58
railways linked with, 31, 32–33, 39–40
- De la Rue, Emile, 34
- De Morgan, Augustus, 63
- Derrida, Jacques, 13, 153n.15, 155n.39
- detective fiction, 120

- Dickens, Catherine, 31
- Dickens, Charles, 8, 12, 15, 16-40, 77
- aurality and, 6-7, 10, 14, 17, 21-22, 27, 38, 40, 160n.22
- Babbage friendship with, 16-17, 21, 22, 40, 158n.8, 159n.10
- Cheap Edition reprints by, 29, 34-36, 37, 38, 39, 147-49, 165nn.60, 61
- death of, 40
- as home-based professional, 53, 62
- Leech and, 41, 61, 68
- public readings by, 6, 7, 12, 15, 38, 39, 40, 165n.59, 167n.72
- railway accident effects on, 40
- railways and, 11-12, 27, 28, 29-33, 37
- recirculation and, 37-38, 39
- street noise and, 12, 21, 40, 45, 52, 60-62, 64, 172n.64
- writing anxieties of, 19, 20, 24, 29, 40, 41-42
- works
- American Notes*, 148
- Barnaby Rudge*, 148
- The Battle of Life*, 19
- Bleak House*, 32
- A Christmas Carol*, 7, 41
- David Copperfield*, 32, 38
- Dombey and Son*, 11-12, 17-39, 147. *See also as separate listing*
- "A Flight," 27, 31, 32
- Great Expectations*, 32
- Hard Times*, 32
- "The Lazy Tour of Two Idle Apprentices" (with Collins), 31-32
- Little Dorrit*, 32, 159n.10
- Martin Chuzzlewit*, 18, 32, 33, 148
- "Mrs Lirriper's Lodgings," 172n.64
- The Mudfog Papers*, 159n.10
- "Mugby Junction," 167n.72
- The Mystery of Edwin Drood*, 6-7, 32, 40
- Nicholas Nickleby*, 148
- "Night Walks," 158n.8, 159n.10
- The Old Curiosity Shop*, 148
- Oliver Twist*, 32, 148
- Our Mutual Friend*, 32, 39, 40, 41, 62
- "A Paper-Mill" (with Lemon), 164-65n.58
- Pickwick Papers*, 29, 32, 33, 34, 148, 149, 164n.56
- Pictures from Italy*, 18
- "The Signalman," 167n.72
- Sketches by Boz*, 148
- A Tale of Two Cities*, 32
- dictation machine, 129, 130
- Difference Engine, 15, 56, 156n.2, 157n.4, 159n.10
- Divorce Act (1857), 180n.44
- Dodd, George, 172-73n.68
- Dombey and Son* (Dickens), 11-12, 17-39, 166n.70
- aurality in, 21, 22, 37
- Carker's violent death in, 32-33, 39, 164-65n.58
- character revisions in, 18, 35-37
- Cheap Edition and, 34-36, 147
- communicative problems in, 19, 20, 21, 24, 25, 27, 37
- cyclical structure of, 37, 39
- importance of, 17, 159nn.11, 12
- interpretations of, 17-18, 161n.25
- names in, 160n.20
- railway motif in, 11-12, 22, 27-33
- railway traveler readers of, 28, 29, 37
- title-page vignette, 25, 26, 38
- Dowling, Andrew, 180n.44
- Doyle, Arthur Conan, 127-29, 131-33, 135, 141, 143
- "A Scandal in Bohemia," 127-28
- "The Story of the Japanned Box," 131-33, 191n.75
- "The Voice of Science," 127-29, 132-33
- Doyle, Richard, 61
- Dracula* (Stoker), 12, 119, 126, 131, 134-37, 139
- Du Bois-Reymond, Emil, 107
- Du Maurier, George
- Punch* cartoon, "A Suggestion," 129-30
- Trilby*, 92, 129-30
- Duncan, Ian, 164n.51
- DuVerney, Joseph, 176n.11
- Dyos, H. J., 42, 44
- ear. *See* hearing
- earwitness, 13
- Edison, Madeleine, 133
- Edison, Thomas Alva, 82, 84, 129
- deafness of, 133-34
- Gouraud as agent of, 39, 114-26
- phonograph invention and, 11, 111, 113-14, 117, 136, 166n.69, 188n.44
- Edison Bell Company, 142
- Edison Telephone Company, 108
- Edmunds, Henry, 113
- Einstein, Albert, 84
- Eisenberg, Evan, 112, 184n.6, 191n.84
- electricity, 10, 100, 104, 183n.78
- Eliot, George, 4, 6, 12, 82-109
- acute hearing motif of, 6, 8, 83, 91-92
- Darwin's influence on, 84, 175n.6

- Eliot, George (*continued*)
 Helmholtz's influence on, 10, 12, 84,
 87–88, 90, 91
 last manuscript of, 109
 "separateness with communication" idea
 of, 99, 100, 107
 sympathetic resonance metaphor of, 8,
 88–89, 92, 95–96, 99
 telephone and, 101, 104, 109
 works
 Armgarth, 94, 179n.43
 Daniel Deronda, 12, 82–109. *See also* *separate listing*
 Felix Holt, The Radical, 93–94
 Impressions of Theophrastus Such, 3–4, 6,
 108, 151n.3
 "Janet's Repentance," 88
 "The Lifted Veil," 151n.3
 Middlemarch, 4, 6, 83, 87–88, 91, 95, 109,
 152–53nn.10, 13, 177nn.16, 17, 179n.43
 The Mill on the Floss, 89
 "Mr. Gilfil's Love Story," 88
 Romola, 89
 "The Sad Fortunes of the Reverend
 Amos Barton," 88
 Scenes of Clerical Life, 88, 185n.10
 "Shadows of the Coming Race," 3–4,
 151n.3
 Eliot, T. S., 79
 "The Hollow Men," 141
 "The Love Song of J. Alfred Prufrock,"
 82, 140
 The Waste Land, 111, 183n.2
 Ellis, Alexander J., 85, 183n.81
 evolution theories, 15, 69, 70
 Faed, Thomas, 61
 Faulkner, William
 Absalom, Absalom!, 140
 As I Lay Dying, 111
 feminist theory, 65, 173n.76
 feminization
 of noise, 65–66
 of phonograph, 129–31, 132–33
 of railway express, 32
 of Victorian home, 55, 95, 132–33
 of voice machines, 188n.50
 Fewkes, Jesse Walter, 138
 Field, Kate, 101, 104, 105
 film sound, 155n.39, 189n.54
 Flint, Kate, 90, 177n.16
 foreigners, 45–52
 music linked with, 92, 179n.35
 nationalities of street musicians, 57
 as Savoyards, 45, 47–49, 51, 64, 169nn.28,
 29
 xenophobic reaction to, 48–49, 51, 53–54,
 63–64, 65, 68–77, 80–81
 Forster, John, 17, 18, 19, 20, 24, 38, 40, 41, 61,
 159nn.10, 12, 192n.9
 Freud, Sigmund, 84, 91, 97, 107–8
 Frith, William Powell, 42, 44–45, 61, 67
 Frow, George, 185n.16
 Furniss, Harry, 78, 80
 Furnivall, F. J., 123
 Gager, Valerie, 23, 162nn.30, 31
 Galileo Galilei, 86, 177n.18
 Gane, Gillian, 162nn.33, 36
 Gaskell, Elizabeth, *Cranford*, 163n.46
 Gay, Peter, 155n.39
 gender
 Daniel Deronda and, 94–95
 Dombey and Son and, 36–37, 161n.23
 Dracula and, 135
 home-based professional identity and, 55,
 57
 noise and, 55–56, 65–66
 phonograph and, 129–31, 132–33
 silence and, 94–95
 Victorian marriage and, 132–33
 See also feminization
 German bands, 51, 57, 62, 77, 173n.68
 Gilbert, W. S., *H.M.S. Pinafore*, 100
 Gitelman, Lisa, 190n.63
 Gladstone, William, 117, 121–22
 gothic fiction, 131–32
 Gouraud, George, 39, 114–26, 115, 118, 124, 143
 gramophone, 111, 140–45
 cylinder phonograph vs., 112–13, 143–44,
 191n.83
 as playback-only device, 142
 Victor Dog trademark of, 142–43
 Grant, Francis, 61
 Green-Lewis, Jennifer, 152n.9
 Greenwood, James, 77
 Griffiths, Eric, 125
 Grivel, Charles, 130, 189n.52
 Gunning, Tom, 189n.54, 191n.83
 Haley, Bruce, 173n.76
 Halliday, Andrew, 171n.55
 Handel, George Frideric, 63
 Israel in Egypt, 119, 120
 Handel Festival, 118, 119, 120
 Hardy, Thomas, 176n.8
 harmony, 178n.18
 Hatton, Joseph, 119, 188n.45

- Haweis, H. R., 77, 123
 Hawthorne, Nathaniel, *The Scarlet Letter*, 25
 hearing
 aesthetic discrimination and, 85, 88
 auditory self-concept and, 14
 in Dickens's works, 6-7, 10, 14, 17, 21-22, 27, 38, 40, 160n.22
 as Eliot motif, 6, 8, 83, 88, 91-92, 99
 exceptional ability in, 13
 Helmholtz's resonance theory of, 85-87, 96, 100, 107-8, 181n.56
 physiology of, 8-9, 12, 85, 87, 90
 role in Victorian culture of, 4-5, 7, 8, 11-12, 14, 65-67, 85, 111
 Romantic conception of, 8
 scientific works on, 8-12, 22, 83-85
 in Stoker's *Dracula*, 135
 See also close listening; noise; sound
Heart of Darkness (Conrad), 12-13, 137-41, 142
 "sound bites" from, 140, 141
 Helmholtz, Hermann von, 10, 12, 84-88, 97
 Bell's telephone invention and, 100-101, 183n.81
 On the Sensations of Tone, 22, 85, 86, 87, 88, 100, 177n.17
 resonance theory of hearing of, 85-87, 96, 100, 107-8, 181n.56
 scientific contributions of, 85-88, 90, 91
 Hempton, Gordon, 155n.37
 Henkle, Roger B., 159n.12
 Herschel, John, 8, 9, 63, 177n.18
 Hill, T. W., 166n.70
 Hill, Thomas, 16
 "His Master's Voice," 142-45, 144
 Hogarth, Georgina, 19
 Hollander, John, 153n.15
 Holme, Thea, 43
 Holmes, Oliver Wendell, 152n.13
 home-based professionals, 11, 12, 43-44, 64
 anxieties of, 81, 170n.38, 172n.65
 Bass's street music regulation act and, 59-60
 contemporary telecommuting and, 81
 Dickens's anti-street music letter and, 60-61, 62
 fin-de-siècle outlook and, 79
 gender and, 55, 57
 invalid metaphor for, 67
 street noise as intrusion on, 11, 12, 52-53, 55, 172n.65
 home recording. *See* phonograph
 Hood, Thomas, 9
 Hopkins, Gerard Manley, 4, 176n.10
 Horton, Susan, 161n.25
 House, Humphry, 27
Household Words (periodical), 35, 172n.68
 Howells, William Dean, 126, 127
 Hughes, David, 3
 Hunt, William Holman, 61
 Hyman, Anthony, 157n.4, 157-58n.5
 illness-noise link, 40, 41-42, 44-45, 56-57, 60, 61, 65-73, 74, 75
 immigrants. *See* foreigners; Savoyards; xenophobia
 imperialism, 13, 113, 137, 138, 139
 Ingham, Patricia, 161n.27
 inscription, 154n.25
 Irish musicians, 47, 48
 Irving, Henry, 119, 120, 125, 136
 Italian immigrants. *See* organ grinders; Savoyards
 Italian unification, 169-70nn.29, 30
 Jackson, Holbrook, 168n.10
 Jacobs, Edward, 63
 James, Henry, 104, 122
 "Daniel Deronda: A Conversation," 95, 180n.46
 Johnson, Edgar, 159nn.11, 12
 Joyce, James, *Ulysses*, 111
 Judaism, 83, 92, 95, 99, 107, 120
 Kahl, Russell, 85
 Kahn, Douglas, 155n.38, 158n.8, 166n.69
 Kaplan, Fred, 61
 Kelvin, Lord (William Thomson), 101
 Kennedy, William Howland, 184n.6
 Kenner, Hugh, 183n.2
 Kittler, Friedrich, 108, 116, 126, 137, 190nn.60, 63
 Knight, Charles, 169n.20
 London, 46
 Krakatoa volcanic eruption, 4, 5
 Kramer, Lawrence, 153n.15
 Krasner, James, 151n.9
 Kreilkamp, Ivan, 184n.7, 191n.77
 Kruse, Holly, 191n.85
 Laennec, R. T. H., 6, 152nn.12, 13
 Lake Poets, 7-8
 Lamarck, Jean Baptiste, 157n.5
 Lamb, Charles, *Essays of Elia*, 8, 153n.16
 Lamb, Joseph F., 172n.62
 Landfrey, Kenneth, 187n.34
 Laplace, Pierre, 16

- Lastra, James, 154n.25, 155n.39, 181n.56, 184–85n.10
- Leavis, F. R., 95, 180n.46
- lecture circuit. *See* public readings
- Leech, John, 12, 49, 51, 61, 63–77
- cartoons by, 49, 50–51, 53, 54, 64, 68–70, 68, 69, 70, 71, 72, 73, 74, 75, 76
- death of, 41–42, 44–45
- noise hypersensitivity of, 67–70
- xenophobia of, 49, 51, 53, 63–64, 68–70, 73
- Lehmann, Rudolf, 122, 123, 187n.30
- Lemon, Mark, 65
- Lessing, Theodor, 79
- Levenson, Michael, 61
- Lewes, George Henry, 12, 90, 101, 104
- Dickens and, 14, 24, 165n.60
- Helmholtz and, 87, 107, 176–77n.16
- Lewis, Monk, *The Captive*, 119
- Ley, J. W. T., 174n.86
- Library of Voices, 39, 114, 119, 122, 143
- listening. *See* close listening; hearing
- Liszt, Franz, 92
- Lloyd, Mary, 171n.52
- Lowell, James Russell, 122
- LP records, 142
- Lyell, Charles, 16, 41
- “Ma Bell” (corporate symbol), 188n.50
- Macready, William, 158n.8
- Mann, Karen B., 178n.20
- Mann, Thomas, *The Magic Mountain*, 111
- Marcus, Steven, 33, 38, 160n.17, 162n.33
- Martin, Robert, 125
- masculinity. *See* gender
- mathematics, 87, 157n.3
- Maxwell, James Clerk, 10
- Mayhew, Henry, 46, 48, 57, 63
- Mayne, Richard, 171nn.52, 54
- McLanburgh, Florence, 46, 47, 166n.69
- Medical Act of 1858, 53
- medicine, 6, 9–10, 152–53n.13
- growth as profession, 52, 53
- See also* illness-noise link
- Menke, Richard, 182nn.65, 66
- Merrill, James, “The Victor Dog,” 142
- Mesmer, Franz, 92
- mesmerism, 92–93, 129–30, 165n.59, 178n.18, 183n.75
- Metropolitan Police Act (1839), 46
- microphone, 3–4, 6, 10
- middle class, 41–81
- domesticity and, 35, 55, 96, 132–33
- gramophone and, 143
- home as refuge of, 44. *See also* home-based professionals
- leisure pursuits and, 62, 170n.38
- move to suburbs by, 61–62, 77
- musical tastes of, 63, 92
- phonograph’s appeal to, 10, 11–12, 117, 119
- professional identity and, 52–65
- self-representation concerns of, 58
- street noise assault on, 11, 12, 43–45, 52–53, 59–60, 69–70, 73
- Millais, John Everett, 61
- Mimansa, 157n.5
- miracles, 15–16, 157n.4
- Morgentaler, Goldie, 166nn.62, 64
- Moynahan, Julian, 23
- Müller, Max, 87, 176n.11, 177n.18, 178n.25
- music
- Attali’s theory of, 44
- color linked with, 15n.4
- in *Daniel Deronda* (Eliot), 83, 91, 92–94
- foreigners linked with, 92, 179n.35
- Helmholtz’s tone discernment study and, 85–86, 88, 90
- of nature vs. concert hall, 7–8
- organ-grinder sound contrasted with, 62–63
- poetry paired with, 153n.15
- recordings of, 142
- “silent listening” to, 155n.39
- sympathetic resonance and, 88
- See also* anti-street music movement;
- organ grinders; piano
- musical automaton, 86–87
- Musselwhite, David, 159n.12
- Napoleon III, 48, 169n.29
- natural theology, 15, 157nn.3, 4
- nature, sounds of, 7–8, 92, 163n.42
- Newman, Charles, 152–53n.13
- Newsom, Robert, 161n.23
- Nightingale, Florence, 65–66, 187n.34
- Nipper (fox terrier), 142, 143
- Nixon, Richard M., 156n.40
- noise, 4, 11, 41–81, 111
- Carlyle’s aversion to, 6, 43, 55–56
- Dickens and, 12, 21, 40
- gender and, 55–56, 65–66
- as health threat, 39–40, 41–42, 44–45, 56–57, 60, 61, 65–73
- Lamb’s idealization of, 8
- Leech’s hypersensitivity to, 67–70
- railway, 27, 31, 40, 78, 163n.42

- retreat to suburbs from, 61–62, 77
- territoriality of, 44–45, 52, 55, 59–60, 62, 80–81, 171n.54
- See also* anti-street music movement; hearing; organ grinders; silence; sound
- noise pollution, 13, 66, 155n.37
- nursing, 65–66
- ocean waves. *See* wave motion
- Ohm, Georg, 87, 176n.11
- Ong, Walter J., 13, 155n.39
- opera, 8, 63, 92
- ophthalmoscope, 85
- organ grinders, 12, 42–52, 156n.2
- as anti-noise movement's focus, 48–52, 56, 58–59, 62, 80–81
- changed views of, 77–79, 80
- defenders of, 46, 77–78, 171n.55, 174n.79
- Dickens on, 172n.64
- feminized phonograph contrasted with, 129, 130
- health-hazard charges against, 42, 65–73
- Leech's vindictive cartoons of, 49, 50–51, 51, 53, 54, 64, 68–70, 68, 69, 70, 71, 72, 73, 74, 75, 76
- legislation against, 59, 63–64
- nature of complaints about, 47, 60, 62
- phonograph as barrier against, 111
- recorded sounds of, 169n.26
- repertoire of, 63
- "Savoyard" as term for, 45, 47–49, 51
- Otis, Laura, 177n.16
- Pall Mall Budget* (London publication), 119–20, 121
- Palmerston, Lord, 169n.29
- "Parlour Library"/"Parlour Novelist" series, 28–29
- Parma, Duchy of, 48, 49, 169n.28
- patents, 3, 100, 136
- Patten, Robert, 160n.17
- Peace Society, 54
- Pearson, Gabriel, 159n.12
- Pedro, emperor of Brazil, 101
- Pellegrini, Carlo, 115
- Petts, Leonard, 191n.81
- Philadelphia Centennial Exposition (1876), 101
- phonetics, 183n.81
- phonograph, 10, 110–45, 154n.25, 182n.63
- archival use of, 9, 11, 39, 111–12, 114, 119, 122, 123, 125–26, 143
- as commercial dictation machine, 129, 130
- Edison and, 11, 111, 113, 116, 133–34
- feminization of, 129–31, 132–33
- fictional treatments of, 127–29, 130–37, 141
- gramophone vs., 112–13, 142, 143–44, 191n.83
- as interactive device, 112–13
- listeners' reaction to, 125–26
- literary/cultural impact of, 12–13, 113–14, 119–26
- "lost" recordings authenticity and, 186n.27
- middle-class appeal of, 10, 111–12, 117
- significance of, 112, 122
- phonography. *See* shorthand system
- phonology, 154n.25
- photography, 114, 189n.54
- physicians. *See* medicine
- piano, 111
- Cage "silent piece" for, 6, 95, 152n.10, 155n.38
- in *Daniel Deronda*, 92, 93
- Edison's vibration "hearing" of, 133–34
- sympathetic vibration and, 86, 87, 93, 100, 101, 177n.18
- pitch, 8, 85, 86
- Pitman, Isaac, 10, 134
- Pocklington, G. R., 163n.46
- poetry
- music paired with, 153n.15
- recordings of, 11, 39, 111, 122–25
- on sublime sounds of nature, 7–8
- power-sound relationship, 44
- Powers, Horatio Nelson, 117, 120
- Preece, W. H., 3, 4, 101, 113, 187n.30
- Prescott, George B., 102
- printing, 165n.61
- professions
- mid-nineteenth-century growth of, 53
- time/quiet space relationship and, 171n.55
- See also* home-based professionals
- proto-Zionism, 83, 99, 180n.46
- psychoanalysis, 91, 97, 107–8
- public readings
- by Dickens, 6, 7, 12, 15, 38, 39, 40, 165n.59, 167n.72
- phonograph recording vs., 122, 125, 126
- publishers. *See* book trade
- pulp fiction, 164n.58
- Punch* (magazine)
- Du Maurier cartoon, 129, 130
- Furniss cartoon, 78, 80
- Leech and, 49, 51, 65
- Leech cartoons, 50–51, 54, 63–64, 64, 68–69, 68, 69, 70, 71, 72, 73, 74, 75, 76

- Punch* (continued)
on railway reading, 29
street music parody, 62
Tenniel cartoon, 48, 49
- Ragussis, Michael, 180n.47
Railway Libraries, 29, 30
railways, 27–33
book trade effects of, 28–30, 35
Dickens and, 11–12, 22, 27–32, 35, 37, 39–40
readership effects of, 28–30, 103
sounds of, 27, 31, 40, 78, 111, 163n.42
symbolism of, 27
Rameau, Jean-Philippe, 178n.18
Rasula, Jed, 125
Reader, W. J., 53
reading. *See* book trade
readings. *See* public readings
recording. *See* gramophone; phonograph
Rée, Jonathan, 13, 152n.11
resonance theory. *See* sympathetic resonance
resonators, 10, 86, 100, 108
Rilke, Rainer Maria, 134
rods of Corti, 87
Romanticism, 7–8, 10, 89, 92, 153n.15, 157n.4
Ronell, Avital, 181n.55, 188n.50
Rosenman, Ellen B., 180n.44
Rossetti, W. M., 180n.49
Rossini, Gioacchino, 92
Rowe, John Carlos, 182n.65
Rowe, Richard, 77
Royal Institution, 89, 113, 178n.25
Royal Society, 4, 5, 156n.2
Royle, Nicholas, 179n.35, 180nn.44, 48
Rubinstein, Anton, 92
Ruff, Lillian, 172n.58
Ruskin, John, 4, 68
- Sadrin, Anny, 162n.30
Said, Edward, 137–38
Sauveur, Joseph, 176n.11
Savoy, Duchy of, 48, 49, 169n.28
Savoyards, 45, 47–49, 51, 64
origin of term, 48, 169nn.28, 29
Schafer, R. Murray, 13
Schivelbusch, Wolfgang, 28
Schmidt, Leigh Eric, 155n.40
science, 8–12, 83–85
science fiction, 131
Scott, Walter, 8, 9, 177n.18
séance, 123, 124
Sedgwick, Adam, 158n.7
Seigert, Bernhard, 108
- Senf, Carol A., 190n.67
senses, 6, 8, 14, 83, 174n.81
focus shift from seeing to hearing, 83, 91
overstimulation of, 42
separateness with communication, 99, 100
telephone and, 102, 104, 105, 107
Shakespeare, William, 162n.30, 165n.60, 186n.23
King Lear, 23
Macbeth, 162n.31
Othello, 23, 162n.31
Shaw, George Bernard, 78, 108
Pygmalion, 108–9
shilling novel, 29
shorthand system, 10, 134, 190nn.61, 63
silence
Carlyle and, 6, 41, 43–45, 55–56
in *Daniel Deronda*, 12, 94–95, 106
music and, 6, 95, 152n.10, 155nn.38, 39
“other side of,” 8, 83, 95
valuation of, 42, 43
Victorian marital, 94–95
Victorian propriety and, 111
women’s socialization and, 55
Silver, Henry, 73
Simms and McIntyre, 28–29
Slater, Michael, 165n.60
slavery, 14, 161n.26, 168n.19
Small, Helen, 166n.68
Smith, Adolphe, 77
Smith, Bruce, 168n.19
Smith, Charles Manby, 46–47, 48
Smith, Denis Mack, 170n.30
Smith, Mark M., 155n.40, 168n.19
Smith, W. H., 28, 29
social class
anti-street music movement and, 42–43, 45, 52–53, 56–57, 59–60
Cheap Edition and, 35
defense of street music and, 46, 171n.55
leisure activity and, 62
musical taste and, 45, 46, 57, 60, 63, 73, 77, 92
territorial distinctions and, 60
See also home-based professionals; middle class
Somerville, Mary Fairfax, 8
sound, 3–9
Eliot’s valuation of, 6, 8, 83, 84, 88–89, 91–92, 96–97
gendered conceptions of, 55–56
Krakatoa eruption and, 4, 5
in literary/linguistic study, 13–14
power relationship, 44

- recording of. *See* phonograph
- Romantic view of, 7–8, 10, 89, 92, 153n.15, 157n.4, 163n.42
- sympathetic resonance and, 8, 86–96, 99
- transmission of, 22, 108. *See also* telephone
- ubiquity of, 6
- Victorian awareness of, 4–5, 8, 11–12, 14, 85, 111
- writing and, 134
- See also* hearing; noise; voice
- sound imperialism, 13
- soundscape studies, 13–14, 152n.11
- sound waves. *See* wave motion
- Spencer, Herbert, 175n.97
- spiritualism, 14, 15, 123, 186n.25
- Sponza, Lucio, 169nn.23, 29, 172n.57, 173n.74, 174n.95
- Stallybrass, Peter, 174n.81
- Sterne, Jonathan, 6, 155n.39, 181n.56
- stethoscope, 6, 152–53nn.12, 13
- Stewart, Garrett, 94, 137, 155n.39, 161n.25, 164n.53
- Steytler, Charles, 123
- Stoker, Bram, 125–26, 141, 143
- Dracula*, 12, 119, 126, 131, 134–37, 139
- Strand Magazine*, 127, 128, 131
- Street Music Act (1864), 58–59, 63–64, 73, 77, 78, 172n.65, 174–75n.95
- street musicians. *See* anti-street music movement; organ grinders
- suburbs, 61–62, 77
- Sully, James, 77–78, 90–91, 175n.97, 177n.18, 183n.79
- Sussman, Herbert, 164n.51
- Swade, Doron, 157n.4
- Swinburne, A. C., 4
- Symons, Arthur, 79, 112
- sympathetic resonance
 - Bell's telephone invention and, 100, 101
 - Eliot's metaphor of, 8, 88–89, 95–96, 99
 - Helmholtz's theory of, 86–87, 90, 93
 - psychoanalysis as, 108
- talking cure. *See* psychoanalysis
- talking machine. *See* phonograph
- Tambling, Jeremy, 161n.23
- Taussig, Michael, 190n.73, 191nn.83, 84
- technological imperialism, 113, 137, 138
- telecommuting, 81
- telegraph, 3, 10, 28, 100, 101, 104, 163n.42
- first permanent transatlantic, 182n.66
- phonograph vs., 111
- telephone, 10, 82, 100–109, 102, 103, 105, 113, 183n.2
- as “maternal machine,” 188n.50
- phonograph vs., 111
- Tenniel, John, 48, 49
- Tennyson, Alfred, 4, 22, 61, 136, 142
- phonograph recordings by, 9, 11, 12, 111, 113, 123, 125–26, 143, 187n.35
- Tennyson, Charles, 125, 126, 187n.35
- Ternan, Ellen, 31
- territorialism, 44, 52, 55, 60, 80, 171n.54
- Thackeray, William Makepeace, 152n.11, 174n.86
- Thomas, Dylan, 11
- Thompson, David, 169n.30
- Thompson, E. P., 171n.55
- Thompson, Emily, 153n.20, 168n.19, 175n.97
- Thompson, F. M. L., 58, 80
- Thompson, Henry, 13
- Thomson, William (Lord Kelvin), 101
- Thoreau, Henry David, *Walden*, 163n.42, 165n.58
- Tidal Express, 39, 40
- Tillotson, Kathleen, 17, 159nn. 11, 12
- time, as condition of work, 171n.55
- Times* (London), 42, 113, 123
- street noise complaints in, 42, 45, 46, 56, 66–67, 77
- tone discernment, 85–87, 88, 90
- trademark, 142–45
- trains. *See* railways
- Tritton, Paul, 186n.27
- Trollope, Anthony, 174n.85
- Twain, Mark, 126–27
- Tyndall, John, 10, 84, 91, 108, 113, 176n.10
- phonograph and, 123
- Sound*, 22, 89–90
- typewriting, 190n.63
- urban noise. *See* anti-street music movement; noise
- Vanity Fair* (magazine), 114, 115, 116
- ventriloquism, 127, 166n.67
- Verne, Jules, *Le Château des Carpathes*, 131, 132, 136, 139
- vibrations. *See* acoustic vibrations; sympathetic resonance
- “Victor Dog, The,” 142–45
- Victoria, queen of Great Britain, 7, 15, 101, 103, 111, 186n.27
- Victor Talking Machine Company, 142, 145
- Villiers de l'Isle-Adam, *L'Eve future*, 130–31

- Visible Speech (A. M. Bell phonetic system), 10, 183n.81
- vision, 6, 83, 85, 91
- voice
- Babbage diffusion theory of, 16-17, 38-39, 40, 165n.60
 - Conrad and, 137-38, 139, 141
 - Dickens and, 12, 21, 39, 165n.60
 - Eliot and, 83, 95, 96
 - feminization of machines of, 188n.50
 - phonograph's impact on identity and, 127
 - sound transmission and, 108
 - sympathetic resonance and, 86
 - "Victor Dog" and, 142-45
- voice recording. *See* phonograph
- vowel resonators, 10, 86, 100
- Waring, Ball, 116
- Watergate tapes, 156n.40
- Watson, Thomas, 100-101, 102
- wave motion, 165n.60
- Babbage vocal diffusion theory and, 16-17, 38-39, 40
 - as Dickens trope, 21-22, 37, 39, 40
 - as Eliot metaphor, 89, 92
 - Helmholtz sound theory and, 10, 85-89
- Wellington, duke of, 9, 125
- Welsh, Alexander, 94, 162n.30
- Westminster Review*, 90, 177n.18, 180n.49
- Wever, Ernest Glen, 176n.11
- "What Are the Wild Waves Saying?" (song), 21
- Wheatstone, Charles, 3, 8, 9, 28
- Whewell, William, 8-9, 157n.3
- White, Allon, 174n.81
- Whitman, Walt, 96, 97, 176n.8
- "Voices," 96, 97, 180n.49
- Whyte, Arthur James, 169-70n.30
- Wicke, Jennifer, 134
- Wigan, Alfred, 61
- Wilde, Oscar, 186n.27
- Williams, Raymond, 163n.46
- Wilson, Edmund, 23
- Wilson, Eric, 168n.19
- Winter, Alison, 165n.59, 179n.35
- Winthrop-Young, Geoffrey, 12
- Wollaston, William, 8, 16
- Woolf, Virginia, 152n.11
- Between the Acts*, 111, 140
 - The Waves*, 22
- Woolner, Thomas, 61
- Wordsworth, William, 8, 25, 92, 153n.15
- "On the Power of Sound," 8, 89
 - "Tintern Abbey," 31
 - "To the Cuckoo," 116
- Wright, William, 9-10
- Wutz, Michael, 12
- xenophobia, 48-49, 51, 53, 57, 63-64, 65, 68-77, 80-81. *See also* anti-street movement; foreigners, Savoyards
- yellowbacks, 29, 103
- Young, Kay, 177n.17
- Zucchi, John, 169n.28