

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)*Index*

- accretion
 and asymmetry, 76
 and crystal growth, 75
 and Emerson's style, 76, 78
 and Henry James's use of words, 152
 as mode of development, 17
 and William James's *Principles*, 163
 as vehicle of cognition (W. James), 222
- action potentials, 107, 120
- adaptation, 65, 95, 101, 220, 227
 and Darwin revising *Origin*, 6
 of Darwinian method by Peirce, 124
 and Emerson, 67, 76
 of rhetorical forms, 6
 syntactic, 19
 and thinking, 8
- Adorno, Theodor (*Aesthetic*), 98
- aesthetic, the / aesthetics, 98
 activity of, 264n.51
 American aesthetic into Pragmatism, 11, 12, 21
 (Stevens)
 and American style, 32
 as category of thought, 3
 centrality of for W. James, 100
 corruption of idea of, 256–7n.25
 and Edwards, 58
 emergence of as category of thought, 70, 85
 emergence of new, 226
 and Emerson, 71, 73
 etymology, 164
 experience of as religious, 152
 as feeling, sensation, 47
 and Kant, 69
 as morality (H. James), 174
 and pleasure (W. James and Fechner), 220
 and religious experience (W. James), 103, 121
 restoring balance, 135
 “science of” (Baumgarten), 188
 and Stein, 252
 and Stevens, 188
 structure of, 224
 and W. James, 100
 and W. James's “interest,” 104
 and Whitehead, 10
see also Edwards, Jonathan; Emerson, Ralph
 Waldo; James, Henry; James, William;
 Stein, Gertrude; Stevens, Wallace
- affect, affection/s, 89
 and Edwards, 13, 37, 40, 41, 51–5
 and Emerson, 62
 of the mind (Emerson), 64
 and power of words (Emerson), 76
 and Stein, 246
- Agassiz, Louis, 120, 121. *See also* James, William
The Ambassadors, *see* James, Henry
- amplification
 and Edwards, 42, 53
 and Emerson, 43
 and H. James, 171
 and language as computational instrument,
 146
 as mode of argument, 1
 in Old Testament, 41
 by repetition and variation, 40
 and Stevens, 43, 194
 and style of Edwards and Emerson, 42
 and W. James (*Principles*), 163, 194
- amplifier
 human body as (Whitehead), 126
- analogy, 60
 Locke's use of, 4, 9
 as participatory performance, 61
 and probability, 120
 and Stein, 238
See also crystals, crystallization,
 crystallography
- anamorphosis, 4, 143, 256n.19, 289n.109
 in botany, 157
 definition of, 155
 and H. James, 18, 156
 and “historical drift of time,” 154
 in Holbein and H. James, 154

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

Index

317

- Anderson, Wallace, 28, 33–4
 appetite, 87, 220
 and Edwards, 55–6
 and Emerson's aesthetic choices, 15
 as exercise of imagination (Emerson), 14
 of language, 8, 10
 of language and thought, 6
 and satisfaction (Whitehead), 7
 of thought (Whitehead), 56, 67, 220
 and W. James, 7
- Arensberg, Walter (Arensberg Circle), 20, 205
- Aristotle (subject–predicate distinction), 3
 asymmetry
 and crystal growth, polarity, 76, 202, 218
- attention, 226
 and Edwards, 25, 31, 55
 to mind in thinking, 148
 optical (Helmholtz), 127
 and W. James, 107, 118 (habit of) 126, 127, 163
 (as consciousness)
 see also Edwards, Jonathan; James, William,
 aurora borealis, 130, 212
- Bach, Johann Sebastian, 31, 201, 241, 262n.23
- Bacon, Francis, 1, 2, 21, 26, 66, 89, 205
- balance
 of belief, 40
 homeostasis and aesthetic function, 22, 103,
 105, 119, 135, 191, 202
 and Stevens, 207
 and W. James, 99
- Balzac, Honoré de, 19, 138
Louis Lambert, 140, 166–71
- Bancroft, George, 58
- Barthes, Roland, 7
- Bateson, William, 234, 235–6, 241
- Baumgarten, Alexander, 188
- Beach, Joseph Warren, 268n.5
- Beer, Gillian, 83, 85, 125, 128, 214, 253n.6, 256n.24
 on language theory, 91–3
 on language used by scientists, 128–9
- belief, 61, 115, 119, 160
 degrees of (Hacking), 215
 and habit, 42, 202
 neurological effects of (W. James), 190
 and sensation, thinking as basis of (H. James),
 171
 and Stevens, 185, 188
 and W. James, 105, 106, 116
 See also Stevens, Wallace
- Bell, Charles, 48. *See also* Emerson, Ralph
 Waldo: reading in common with Darwin
- Benjamin, Walter, 133, 293n.92
- Bernard, Claude (homeostasis), 114, 259n.64
- Bible, 3, 28, 65, 99, 200. *See also* Book of Psalms;
 Book of Revelation
- Bloom, Harold, 111
- Bohr, Niels, 183, 214, 218
 on the atom, 205–6, 208–9
 on Einstein's achievement, 216
 and Lucretius, 186
 and Stevens, 22, 204–6, 208–9
 wave–particle duality as “irrational element,”
 204
- Book of Psalms, 192, 199, 200–1, 204
- Book of Revelation, 137, 165, 166
- Boscovich, Roger, 207
- brain,
 activity of (recursive), 31
 activity of (W. James), 31
 changes in as aurora borealis (W. James), 130,
 212
 description of (Emerson), 66–7
 fractal neural networks of, 248
 mirror neurons in, 71
 model of (Stein), 248
 orientation association area (OAA), 56–7
 self-regulation of (feedback), 229
 soul in (Edwards), 57
 states of (W. James), 16, 130
- Brinnin, John Malcolm, 242
- Brower, Reuben, 240
- Brown, Lee Rust, 80, 258n.49
- Browne, Janet, 90
- Browne, Thomas, 62, 88
- Buell, Lawrence, 49, 64, 270n.40, 271n.66,
 273n.112
- Bunn, James H., 262n.24
- Bunyan, John, 109, 111, 112
- Cameron, Sharon, 145
- Carlyle, Thomas, 85
- Cavell, Stanley, 12, 110, 254n.9
- Chamberlain, Ava, 39
- Christ, Jesus, 65, 191–2, 195
- Clark, Andy, 137, 140, 141, 143–5, 146, 147–8, 149,
 228, 251, 256n.23
 on conversion of patterns in second-order
 cognitive dynamics, 152
 on second-order cognitive dynamics, 149–50
- Coleridge, Samuel Taylor, 9, 48, 68, 90, 262n.24
- continuity, law of, 1, 89, 120, 205
- conversion
 directions for (Edwards), 39
 and Edwards, 25, 32, 37, 41, 55, 57
 and Emerson (secular), 14, 65, 75, 117, 244
 idea of (secular use and Emerson), 139
 of idea of subject (W. James), 105
 and language (Emerson), 230

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

318

*Index*conversion (*cont.*)

- light as model for (Edwards), 33
 - and organic process (Emerson), 76
 - of patterns (in second-order cognitive dynamics), 152
 - and Stevens, 193, 197
 - and W. James, 103–4, 108–11 (of Emerson's "Crossing" passage), 119, 194
- Cotton, John, 6
- Crary, Jonathan, 260n.9
- Crick, Francis, 69, 159, 226, 250, 252, 290n.133
- Croce, Paul Jerome, 100, 122, 124, 133
- crystals, crystallization, crystallography, 84, 134, 202, 207, 229
- aperiodic (genome), 232
 - and asymmetry, 76, 202
 - crystal analogy, 69, 81 (for Darwin and Emerson), 69, 96, 135 (Haraway), 252
 - "crystal soul" (Haeckel), 200
 - Delbrück on, 214
 - and DNA molecule, 69
 - and Emerson, 63
 - and formation of snowflake, 211, 218 (Fibonacci Series and spiralling)
 - growth of by accretion, 152
 - growth of by repetition, 72
 - and lattice of space, 200
 - and spiralling form, 31–2
 - and Stevens, 201–2
 - structure and behavior of, 75–6
 - and Swedenborg, 17, 75–6
 - see also Swedenborg, Emanuel,
- cybernetics, 229, 259n.64

- Damasio, Antonio, 247, 254–5n.12
- Daniel, Stephen, 47–8
- Danielewski, Mark Z., 257n.34
- Dante Alighieri, 21, 74, 169
- Darwin, Charles, 1, 48, 70, 78, 79, 90–5, 218, 223, 224, 225, 235
- and adaptation and linguistic form, 6
 - and Chauncey Wright, 122
 - on common ancestry, 227
 - on evolution, 63, 91
 - on free will, 87, 119
 - and language, 4, 81, 83
 - and language theory, 90–3
 - on mind as thought-secreting organ, 105
 - and natural selection, 40
 - on pleasure, 6–7, 87, 220
 - reading in common with Emerson, 88
 - reading *Paradise Lost*, 81–2
 - and thinking as life form, 8
 - on thought, 2
 - and W. James, 103, 105, 114, 120, 126–7

The Descent of Man, and Selection in Relation to Sex, 105*On the Origin of Species*, 1, 8, 40, 113 method of 127

- probability and, 120
- revision of, 4, 6, 81
- style of, mimetic of evolutionary process, 16

- Davy, Humphry, 90
- de Broglie, Louis, 180, 181
- Delbrück, Max, 208–10, 214, 218
- Descartes, René, 4, 9
- Dewey, John, 140
- Dickinson, Emily, 12, 257n.33, 272n.86
- distortion, 40, 121, 220
- and Anne Hutchinson, 6
 - and Edwards, 58
 - Emerson on, 8
 - of H. James's style, 19, 153, 156
 - and Mercator projections, 4
 - "more than rational," 3, 40, 58, 121, 143, 173, 220
 - rhetorical (Antinomian Crisis), 6
 - in syntax and grammar, 10
 - and Whitehead, 220
- DNA (deoxyribonucleic acid), 15, 232, 248, 250
- and crystallization, 69
 - and RNA information transfer, 31, 79, 115, 202, 227, 248
- Dydo, Ulla (and William Rice), 233, 237
- Eddington, Sir Arthur, 171, 184
- Edelman, Gerald M., 125, 238, 248
- theory of neuronal group selection (TNGS), 125, 130
- Edwards, Jonathan, 4, 94, 96
- and "actual ideas," 25, 27, 30, 31, 35, 37, 39, 47, 55, 57
 - and adaptation of traditional forms of expression, 6
 - and affect, affection/s, 13, 37, 40, 41, 51–5 (illustration of), 57
 - amplification in style of, 40, 42, 53
 - and appetite, 55
 - "appetite of the mind," 56
 - and attention, 31 (and will), 46, 55
 - "attention to the mind in thinking," 25, 29, 30, 35, 54
 - and Bible, 28
 - "Blank Bible," 42
 - and breakdown of subject–predicate scheme, 9, 47
 - and conversion, 25, 32, 33, 37 (experience of) 39 (directions for), 41, 57
 - and "delight," 13, 14, 35, 57, 59–60
 - "dependence" for, 59–61

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

Index

319

- and Emerson, 63, 64–5, 118
 and “excellence,” “excellency,” 45
 and fact and feeling, 39
 and feeling, 53, 55
 and Great Awakening, 6
 and habit, perceptual, 42
 and habit as “natural . . . foundation for action,” 34, 42
 and habit of contemplating nature, 30
 and light, 13–14, 29 (as language of God) 32, 33 (as model of conversion), 33, 38, 44 (and God’s grace), 47 (behavior of)
 mutation of style, 39
 mutations of utterance, 39
 and Newton’s *Opticks*, 5, 14, 24–5, 28, 35–7, 45–6, 53, 60
 and performance in/of language, 52, 59
 “prehesion” for, 55
 and relation of God and nature, 39
 and relation of matter to spirit, 38
 and repetition, 35, 39, 41, 50, 52, 57, 58
 and repetition as “creation,” 38
 “room of the idea,” 4, 25, 29, 41, 47, 55
 “sense of the heart,” 9, 25, 29, 32, 33, 47, 48–50 (definition), 194
 “sensible knowledge,” 25
 “speculative knowledge,” 25
 on spiders and linguistic form, 14
 spiralling use of words, 31, 34, 40
 style of, 10, 39 (of preaching)
 and typology, 27, 30, 32, 36, 47, 51, 52, 26In.14
 and W. James, 102
 and will, 31, 34
 “Of Atoms,” 33, 38
 “Beauty of the World,” 46
 “Of Being,” 34, 179
The Distinguishing Marks of a Work of the Spirit of God, 49
A History of the Work of Redemption, 39, 40, 58
Images or Shadows of Divine Things, 27, 44, 214
 Miscellany no. 782, “Ideas. Sense of the Heart. Spiritual Knowledge or Conviction. Faith,” 24, 25, 61, 255n.17
 “Natural History of the Mental World or of the Internal World” (“The Mind”), 31, 52, 146
Personal Narrative, 13, 14, 35, 37, 56, 57, 58, 59
Religious Affections, 34, 102, 262n.34
 “Things to be Considered an[d] Written fully about,” 35, 38
Thoughts on the Revival of Religion in New England, 49
 see also Emerson, Ralph Waldo
 Einstein, Albert, 22, 118, 183, 184, 200, 213, 216
 electromagnetism, 117
 language of, 126
 Emerson, Ralph Waldo, 48, 98, 99, 112, 115, 121, 139, 146, 156, 225, 229, 233, 252, 278n.49
 and accretion as stylistic feature, 76, 78
 and adaptation of voice, 76
 and the aesthetic, 71, 73, 89
 and amplification as stylistic feature, 42
 “axis of vision,” 14, 40–1, 65
 and Coleridge, 68
 and collapse of time, 169
 conversion for, 14, 65, 75, 117, 139, 244
 and crystal metaphor/analogy, 63
 and Edwards, 63, 64, 65, 67, 71, 76, 79, 89
 facts for, 67
 and Goethe (*Organismus*), 68
 and imagination, 77
 and indexing, 15, 43, 76, 79
 and Jardin des Plantes, 14, 66, 85, 97
 and language, 8, 68, 77 (as “organ”), 78, 80 (“of facts”), 81, 93, 230 (*Nature*)
 “Man Thinking,” 162
 mind for, 63, 67 (as “organic agent”), 104 (action of)
 natural historians, philosophers, scientists
 read by, 66
 “natural history of the intellect,” 15, 78 and *Naturphilosophie*, 68
 “original relation to the universe,” 62
 and *Paradise Lost*, 86
 on pleasure, 63, 244
 and polarity, 65, 78
 read by Stevens, 21, 187, 200
 reading in common with Darwin, 88
 on relation/s, 63, 64, 161
 and repetition, 76
 on spirit, 39, 67
 and “stubborn fact,” 275n.7
 style of, 3, 79
 style of and “imperfect replication,” 14–15, 111–12
 and Swedenborg, 14, 66, 72–3, 75, 76, 134, 150
 and thinking as life form, 8
 “to think,” 143
 and W. James, 109–10
 and wave theory, 207
 “Circles” (“the flying Perfect”), 174
 “The Divinity School Address,” 66, 102, 193, 194–6, 197, 199
 “Experience,” 80, 250
 “The Method of Nature,” 11, 79
 “A Natural History of the Intellect,” 43
Nature (1836), 10, 42, 62, 63, 68, 87, 104
 “Poetry and Imagination,” 243–4, 261n.10

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

320

Index

- Emerson, Ralph Waldo (*cont.*)
Representative Men, 62, 63, 66
 “Spiritual Laws,” 137–8
see also James, Henry; James, William; Stein, Gertrude; Stevens, Wallace
- empiricism, radical, 1. *See also* James, William
- English, Daylanne, 242
- “errors of descent”
 and “imperfect replication” (Steve Jones), 40
An Essay concerning Human Understanding, *see* Locke, John
- Euler, Leonhard, 207
- evolution, evolutionary process, 8, 15, 39, 63, 84, 121, 213, 250
 and modern evolutionary synthesis, 15, 40
 and music, 226
 and mutation, 40
 and *Origin* as mimetic of, 16
 and *Principles* as mimetic of, 16
 and probability, 120
 and Stein, 241
 and W. James, 101, 106
- fact/s, 263n.41
 Darwinian, 101
 for Edwards, 39
 for Emerson, 67
 necessary redefinition of (Hacking), 215
 “stubborn fact/s” (Emerson, James, and Whitehead), 10, 202, 275n.7
 for W. James, 99, 163
see also James, William
- Faraday, Michael, 90, 108, 117, 207, 213
 and electromagnetism and polarity, 65
 and Helmholtz, 17
 and influence on W. James, 118
- Fechner, G. T. (on pleasure and the aesthetic), 220
- feedback
 and brain self-regulation, 229
 feedback loops, 248
 and feedforward loops, 130
 mimetic and H. James, 157
 and recursive brain activity, 31
- feeling/s
 as “actual idea,” 47
 for Edwards, 53, 55
 and fact, 40
 “lures for” (Whitehead), 10
 “structure of” (Williams), 79, 220
 of time (Eddington), 171
 of time and Strether, 172–3
 as vectors, 126, 164 (Whitehead)
 and W. James, 7, 29 (and learning), 98, 101, 164, 176, 177–8, 266n.76
 for Whitehead, 10
 for words (Stevens), 198
see also James, William
- Feyerabend, Paul, 5, 49, 254n.8
- Feynman, Richard, 213
- Fibonacci Series, 31, 218
- Fodor, Jerry, 256n.23
- Foucault, Michel, 3
- Freeman, Walter, 298n.206
- Freud, Sigmund, 110–11, 116
The Interpretation of Dreams, 21, 116
 and pleasure, 6
- Frost, Robert, 12, 208
- Frye, Northrop, 202
- Galileo, Galilei, 86
- Gavin, William Joseph, 279n.57
- genetics, 40, 236
 and modern evolutionary synthesis, 15, 40
- genome (human), 232, 233–4
 and word patterning in Stein, 240
- God
 idea of, 11, 12
 language of (Edwards), 29
 as light, 60
 metaphor for mind of, 89
 mind of, 44
 “Spirit of” (Edwards), 30
 transformation of idea of, 89
- Goethe, Johann Wolfgang von, 200
 and crystal analogy, 69
 and *Organismus*, 68, 189
- Greenblatt, Stephen, 155, 158
- Grimm, Jacob G.
 and language theory, 91–3
- habit
 “of accurate thought” (Tyndall), 159
 as aspect of life of the mind and Pragmatism, 1
 of attention (Stein), 248
 of contemplating nature (Edwards), 30
 of cultivating attention (W. James), 118
 and language, 153
 as “natural foundation for action” (Edwards), 34, 42
 and neuronal currents, 160
 perceptual (Edwards), 42
 shaping perception, 202
 of speech, 13
 W. James on, 8
- Hacking, Ian, 95
 on emergence of probability and words in their sites, 214–16
 and “particulate fact,” 226
- Haeckel, Ernst, 200
 and crystal analogy, 69
 and “crystal soul,” 200

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

Index

321

- Hamann, Georg, 95
- Haraway, Donna, on metaphor and crystal
analogy, 68–70, 135
- Hazlitt, William, 218
- Heaney, Seamus, 223
- Heidegger, Martin, 251
- Heimert, Alan, 260n.4
- Heisenberg, Werner, 186
and language and atoms, 206
and set of relations, 207
and Stevens, 22, 186
- Hejinian, Lyn, 248
- Helmholtz, Hermann von, 117, 130
and “interest” (W. James), 156
and physiological optics, 226
and W. James, 17, 125–8
- Herder, Johann Gottfried von, 95
- Hindemith, Paul, 209
- Hocks, Richard, 285n.10, 286n.37
- Holbein, Hans the Younger, *The Ambassadors*,
19, 142, 158, 256n.19. *See also* James, Henry
- Holmes, Oliver Wendell, 268n.5, 268n.19
- homeostasis, homeostatic balance, 107, 114, 191,
259n.64
and aesthetic function, 22
described by N. Weiner, 229
perceptual, 103
as style, 40–1
- Hooke, Robert (*Micrographia*), 26
- Humboldt, Alexander von, 95, 111
- Hume, David, 4, 215, 230
- Hutchinson, Anne (Antinomian Crisis), 6
- imagination
activity of, 128
for Emerson, 77
for W. James and C. S. Peirce, 120
- “interest”
for W. and H. James, 67, 89, 156, 163
for W. James, 6, 104 (and the aesthetic), 134,
163
- James, Henry, 89, 98, 99, 113, 124
aesthetic as morality, 174
and anamorphosis, 18, 143, 154, 156,
157
and Balzac (*Louis Lambert*), 166–71
and consciousness, 145, 149, 152 (“double
consciousness”)
and distortion, 156
on experience and consciousness, 230–1
and feeling, 164
and “feeling of time” (Strether), 172–3
and H.G. Wells, 154
and Holbein (*The Ambassadors*), 19, 142–3,
153, 154
and “interest,” 156
language of, 132
navigation used as metaphor by, 143, 144, 145,
146, 152, 161–3 (and reading pragmatically)
and performance of language, 151
and pleasure, 157
reading *Pragmatism*, 18, 140, 149
and Swedenborg, 138–9, 165
and time, 171
and “the vague,” use of, 145, 159
and W. James, 140 (*Pragmatism*), 145
(*Principles*)
The Ambassadors, 17, 18, 133, 140
New York Edition (1907–9), 17, 143, 153
Notes of a Son and Brother, 158
A Small Boy and Others, 133, 159, 164,
176
- James, Henry, Sr., 98, 99, 110, 112, 113, 119
and encouraging sons to debate, 18
and Swedenborg, 112–13, 133
- James, William, 51, 52, 61, 63, 89, 94, 141, 183,
226, 252
and the aesthetic (centrality of), 100
aesthetic and “interest,” 104
aesthetic and religious experience 103, 105
and Agassiz, 112, 114
and amplification, 163, 193–4 (of “*there*”)
on attention, 107, 118, 126, 127
and belief, 105, 106, 116, 190 (neurological
effects of)
on brain activity, 31, 47
brain changes as aurora borealis, 212
on “brain-states,” 16, 130
and Bunyan, 115, 116, 117
“cash-value,” 104, 105 (of conversion)
cinematic sense of perception, 225
and Claude Bernard, 114
common sense for, 224
and consciousness, 160, 162–3 (and attention),
177–8 (and language), 207 (as wave
function)
conversion for, 103–4, 119
conversion of Emerson “Crossing” passage,
108–11, 194
conversion of idea of subject, 105
and Darwin, 103, 114
and “darwinian facts,” 101
and Darwinian information, 121
and Darwinian notion of chance production,
229
and Edwards, 102, 118
and Emerson, 102, 107 (“the divine
Emerson”), 109–10, 114, 117, 278n.49
and evolution (theory of), 101, 106
“experience” for, 99, 104
on “fact/s,” 99, 163

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

322

Index

- James, William (*cont.*)
 and Faraday, influence of, 118
 on feeling/s, 7, 98, 101, 111, 164, 176, 177–8, 224 (and “relations”)
 and free will, 104, 116, 117, 119, 126, 135
 on habit, 8
 and Helmholtz, 17, 125–8, 156
 “interest/s” for, 6, 104, 134, 156, 163
 and Kant, 116–17
 and language (performative function of), 122, 131
 mind as *pragma*, 100
 and Mozart, 225
 nervous collapse of (“vastation”), 107, 108–9, 113, 116, 117
 on nervous system, 107
 and neural wave activity, 129
 and neurology, 106
 and the *Odyssey*, 114
 and Peirce, 123–4, 129
 and pleasure, 220
 and Pragmatism and radical empiricism, 1
 radical empiricism of, 131, 233, 244, 264n.51, 278n.41 (“doctrine of relations”)
 and “relation/s,” 101, 105 (“relation *in relation*”), 175–6 (senses of), 249
 on sound of words, 228
 and Stein, 19, 232, 234, 245
 and Stevens, 187, 218
 and “stubborn facts,” 10, 99, 202
 style of, 106
 and Swedenborg, 17, 73, 173
 “there,” 230
 on thinking/thought, 7, 8 (as life form), 17 (processes of)
 “the vague,” 17, 101, 108, 120, 125, 145, 207, 276n.16, 279n.57
 and will, 151, 174–5
Pragmatism, 17, 74, 96, 215, 251
 and H. James reading, 18, 140, 149
The Principles of Psychology, 2 (and *Origin*), 16, 17, 19, 28–9 (and neuronal paths in cortex) 100, 101, 106, 125, 129, 131 (style of) 140, 143, 146, 151, 154 (“Perception of Time”) 156, 162, 164, 190, 222
 “The Stream of Thought,” 7, 94, 129, 160, 255–6n.18
The Varieties of Religious Experience, 17, 101–3, 104, 106–7, 115, 119, 131 (style of) 190
The Will to Believe, 151
 “A World of Pure Experience,” 249
 Jesus Christ, *see* Christ
 Joad, C. E. M., 206
 Johnson, Thomas Hope, 209, 210, 212, 213
 Jones, Steve, 40
 Kant, Immanuel, 69, 71, 72, 95, 116–17, 138
 Kepler, Johannes, 217
 Kibbey, Ann, 256n.22
 Kimmach, Wilson, 33, 39, 49
 Knight, Janice, 30, 38, 44, 51
 Koch, Christof, 159, 226, 289n.85, 290n.133, 298n.191
 Krook, Dorothea, 286n.34
 Kuhn, Thomas, 68
 Langer, Suzanne, 13, 249
 language
 and aesthetic function, 10
 appetite of, 8, 10
 as computational transformer, 143, 146, 147–8
 and consciousness (W. James), 177–8
 corporeal aspects of (Carlyle), 85
 Darwinian, 83
 and Emerson, 8, 68, 78, 230
 evolution of, 218
 as fact, 10
 “of facts” (Emerson), 80
 fluency in and repetition, 27–8
 as fundamental power (Darwin and Emerson), 81
 and H. James, 132
 H. and W. James’s understanding of (Emerson), 74
 and habit, 153
 inadequacy of, 19
 and Langer, 13
 as life form (H. and W. James), 140
 as matter, 48, 202
 mimetic forms of, 13
 as ministerial performance, 10–11
 occulting properties of, 19
 as organ (Emerson), 77
 as organic form, 6
 as performance, 3
 performative function of (W. James), 122
 as *pragma*, 208
 as prayer, 244
 and quantum theory (Bohr), 205–6
 and quantum theory (Heisenberg), 206
 relation to thinking, 96
 scientists, use of and sensible effects, 128–9
 sentences as “vibratory organisms” (Whitehead), 238
 Shakespearean, 2
 and Stevens, 21
 and thought (debate on), 256n.23
 used pragmatically, 141
 as vehicle of activity of consciousness (H. and W. James), 148

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

Index

323

- and W. James, 131
and wave behavior, 129
see also Edwards, Jonathan; Emerson, Ralph
Waldo; James, Henry; James, William;
Stein, Gertrude; Stevens, Wallace
- language theory, 84, 90–3
- Levin, Jonathan, 100
- Lewontin, Richard, 256n.23, 301n.58
- Lieberman, Philip, 247
- light, 32
activating asymmetry and polarity, 218
descriptions of, 213
and Edwards, 13–14, 29, 32–4, 38
as God, 60
and spiritual energy, 137
and Stevens, 183–4
see also Edwards, Jonathan
- Locke, John
use of analogy and breakdown of
subject–predicate scheme, 9
epistemology of as snow melting (Hazlitt), 218
and extension of Cartesian perceptions into
empiricism, 4
“furniture of the mind,” 4, 69
imagination of, 60
language as fact, 10
“Presence-room,” 25
and *semiotike*, 48, 50, 146
tabula rasa, 56
theory of language (Miller on), 9
on words and ideas, 8
An Essay concerning Human Understanding, 4,
5, 24, 47
- Lodge, David, 286n.25
- Loeb, Jacques, and free will and tropism, 135
- Loewinsohn, Ron, 260n.4
- Lovejoy, Arthur O., 295n.137
- Lucretius, 66, 84, 186
- Luther, Martin, 50
- Lyell, Charles, 37, 83, 92, 95, 225, 263n.41
- Malcolm, Janet, 233, 243
- Mallarmé, Stéphane, 22, 229
- Marsden, George, 32, 42, 261n.23
- Marvell, Andrew, “The Garden,” 177
- Maxwell, James Clerk, 89, 117
- Mayr, Ernst, “imperfect replication,” 40
- McDermott, John J., 278n.41
- Menand, Louis, 121–2
- Mendel, Gregor, 40, 236, 237
- metaphor
of “critical opalescence,” 211
and I. A. Richards and H. James, 157
for mind of God, 89
of navigation (H. James), 143–6, 152
as principle of organization in science, 68, 129,
135
of snow (Stevens), 216
- Meyer, Steven, 233, 235, 238–41, 243, 247, 248,
249, 251
- Milch, David, xii
- Miller, Perry, 9, 24, 28, 32, 47, 51, 257n.39,
261n.14, 269n.39, 277n.22
- Milton, John, *Paradise Lost*, 81–2, 84, 86,
87, 97
- mimesis
and feedback, 157
and linguistic forms, 13, 86
of texts (Emerson), 80
“mimetic logic” (Posnock), 156
- mind
activity of (Emerson), 63, 74, 79, 104, 202
(and Necker cube), 151 (stochastic), 262n.24
(as pleasure)
evolution of (W. James), 101
“feeling mind” (W. James), 115
as organ, 56
as “organic agent” (Emerson), 67
as photographic plate (Tyndall), 159
as *pragma* (W. James), 100
as “thought-secreting organ” (Darwin), 105
- Moll, Elsie, 189, 191
- Momigliano, Arnaldo, 271n.59
- Montaigne, Michel de, 50
- More, Henry, 33, 65
- Munsterberg, Hugo, 19, 234
- mutation, 201, 250
and Edwards’s style, 39
and Emerson’s style, 79
engine of evolution, 40
“Experience is in . . .,” 12
and “imperfect replication,” 15
and poetic form (Stevens), 22
and thinking, 8
of thought (Hacking), 215
of utterance (Edwards), 39
- Myers, Gerald, 100
- natural selection, 40, 83, 96, 121, 241
ideational (Emerson), 67
Naturphilosophie, and Emerson, 68
- Necker, L. A. (Necker cube), 202
- Needham, Joseph, 252
- neuroscience, 107
- Newton, Sir Isaac, 72, 86, 108
“crucial experiment” of, 26
on light, 65, 76 hypothesizing wave–particle
property of 69
Opticks, 5, 14, 24–5, 35
see also Edwards, Jonathan

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

324

Nicolson, Marjorie, 32
 Nietzsche, Friedrich, 98, 110

occasion
 and Edwards, 55
 and Whitehead, 10, 182, 202, 257n.35

Oegger, Guillaume, 268n.4
Opticks, see Newton, Sir Isaac
Organismus (Goethe)
 and Emerson, 68
 and Stevens, 189

Ospovat, Dov, 253n.6, 272n.81
 Owen, Richard, 72, 252

Packer, Barbara, 258n.49
 Pater, Walter, 129

Peirce, Charles Sanders, 63, 89, 120, 123–4, 125, 129, 141, 151
 common sense for, 224
 and Darwin / Darwinian information, 121
 and Emerson, 120, 121
 “firstness” for, 71
 “metaboly” for, 226
 and “objective evasion of induction” (Hacking), 215
 reading *Origin*, 1–2
 reading Poe, 12
 and Stevens, 203–4
 and Swedenborg, 133
 and W. James, 15
 see also James, William

performance
 and Emerson, 73, 89
 and Edwards, 48, 52
 and H. James, 151
 language as, 3
 and ministerial function, 10–11
 participatory, as analogy, 61
 of reception (Emerson), 112
 of recursiveness, 43 (Stevens)
 of text (Edwards), 59
 verbal, and religious experience, 104

philology, comparative, 84, 90, 96
 phototropism, 135
 of ideas (Emerson), 81

phyllotaxis, and spiralling forms, 32

Planck, Max, 22, 180

Plato, 66, 84, 181
 idealism of, 115
 “Cratylus,” 227
 “Phaedrus,” 169

pleasure, 89, 105, 112
 and appetite and aesthetic choices, 6–7
 and balancing (equations), 27
 and Darwin, 87

Index

and Emerson, 63, 244
 and H. James, 157
 nature of, 225, 231
 preparation for, 227
 as prime motive of life (Darwin), 220

Poe, Edgar Allan, 12

Poirier, Richard, 12, 110, 141, 240, 254n.8, 279n.57

polarity, 89, 103
 and asymmetry and light, 218
 and crystal growth, 72, 76
 and Emerson, 65
 and Emerson’s style, 78, 96

polarization, 117, 128

Posnock, Ross, 125, 132, 133, 140, 141, 156, 276n.16

Powers, Richard, 298n.2

pragma, 10, 96, 100, 208, 244

Pragmatism (Jamesian), 99, 107
 and the aesthetic, 12
 development of, 122
 as evolved from Puritan form of thinking, 1–2
 inflected by radical empiricism, 1
 master-plan of (Peirce), 124
 method of, 56, 127
 as moral activity, 149
 as “old wine in new bottles,” 150
 as secular morality, 140
 as self-reflexive theorizing, 135
 and Stein, 245
 and Stevens, 21, 210
 and “Truth happens to an idea,” 42

Pragmatism, A New Name for Some Old Ways of Thinking, 17. See also James, William

Prickett, Stephen, 41

The Principles of Geology, see Lyell, Charles

The Principles of Psychology, see James, William

probability
 emergence of (Hacking), 214
 and theory of evolution (Darwin), 120

psychology, and H. James, 159

quantum mechanics, 131

quantum theory, 184
 “new,” 205–6
 and Stevens, 22
 and “vibrations,” 214

Quetelet, Adolphe, 89

Ransom, John Crowe, 187

recursiveness, 40, 43, 135

Reed, Sampson, 269n.39

Reformation, The, 9, 11, 12, 50, 86, 112, 200, 249
 project of, 150
 religious debate surrounding and Holbein, 154
 and W. James, 251
 work of, 149

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

Index

325

- relation/s, 86, 95, 96
between, 110, 225
 between fact and feeling, 2
 “between relations” (Clark), 147
 between words and perception (Locke), 9
 between work of God and nature (Edwards), 39
 “doctrine of” (W. James), 278n.41
 and Edwards, 55
 and Emerson, 63, 64, 161
 of feeling, thinking, and desiring (Stevens), 219
 and Heisenberg, 207
 of linguistic signs, 38
 of matter to spirit (Edwards), 38
 new, and external representation (Clark), 150
 new, between words (Hacking), 215
 “original relation to the universe” (Emerson), 12
 of protein molecules and neurons, 238
 reciprocal, of perception and linguistic transcription, 233
 “stop nowhere” (H. James), 89
 of sun’s light and elements, 45
 of thoughts and language (W. James), 177–8
 and W. James, 101, 105, 175–6 (sense of, as feeling, W. James), 249
 of whole to part as bodily event (Whitehead), 228
 spatio-temporal and musical scale, 227
- repetition
 in Bible, 42
 “continuous” (Stein), 249
 and crystal growth, 69
 and Edwards, 35, 38 (as “creation”), 41, 50, 52, 57, 58
 and Emerson, 76
 and fluency in language, 27
 and inhibitory process of brain activity, 31
 and mapping, 227
 neuronal effects of (W. James), 27–9, 146
 and Stevens, 202
 and variation (Edwards), 39
 and variation (Stein), 248
 and variation (Stevens), 201
 and variation as motive of evolutionary change, 39
- replication, imperfect, 15, 40, 43, 65, 112, 144, 194, 202, 217
- Retallack, Joan, 233, 247–8
- Rice, William, 233
- Richards, I. A., 157
- Richardson, Alan, 266n.81
- Richardson, Joan, 271n.66
- Richardson, Robert, 80, 258n.49, 270n.40
- Rizzolatti, Giacomo, 71
- RNA (ribonucleic acid), and DNA information transfer, 31, 79, 115, 202, 227
 “room of the idea,” as conceptual/linguistic space, 4, 5
- Rorty, Richard, 12, 257–8n.43, 265n.62, 277n.16
- Rudwick, Martin, 83
- Sacks, Oliver, 159, 288n.69
- Saint-Hilaire, Geoffroy, 134
- Sandeman, Robert, 118
- Santayana, George, 132, 190
- Schleiden, Matthias Jacob, 69
- Schrödinger, Erwin, 206, 213
- Sedgwick, Adam, 90
- self-identity/imitation, law of and DNA–RNA information transfer, 115
- Selfridge, Oliver, 87
- semiotike*, 52. *See also* Locke, John
- “sense of the heart,” *see* Edwards, Jonathan
- Sepper, Dennis, 26
- Shakespeare, William, 2, 65
- Skarda, Christine, 298n.206
- spiralling, as physical and aesthetic structuring principle, 31, 34, 40, 199–201, 218, 229
- Stafford, Barbara Maria, 45
- Stein, Gertrude
 and the aesthetic, 252
 and radical empiricism, 238
 and W. James, 19, 234, 245, 246
Everybody’s Autobiography, 243
The Geographical History of America, 248
The Gradual Making of “The Making of Americans”, 237
The Making of Americans, 20, 232, 245
 “Patriarchal Poetry” 234
Three Lives, 20, 242–3, 245, 246–7
- Stein, Leo, 235
- Stein, Michael, 234
- Stevens, Garrett, Sr., 203–4
- Stevens, Wallace, 43, 89
 and the aesthetic, 188
 and aurora borealis, 212
 and belief, 185
 and Bohr, 22, 204–6, 208–9
 conversion for, 193, 197
 and death of Satan, 169
 and Einstein’s discoveries, 22, 183, 211
 and Elsie Moll, 189, 191
 and Emerson, 21, 187, 200
 and Emerson’s “Divinity School Address,” 193, 194–6, 197, 199
 and “facture,” 182, 200, 208, 221
 “feeling for words,” 198
 “fiction,” 22

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

326

Index

- Stevens, Wallace (*cont.*)
 and Goethe, 200
 and Haeckel, 200
 and Heisenberg, 22, 186, 204
 “irrational element,” 4
 and language, 21
 and light, 183–4
 and Mallarmé, 22, 229
 and musicality, 218–23
 and *Organismus*, 189
 and Peirce, 203–4
 and Planck, 22, 180, 204
 “poetry of the subject,” 4, 5, 197
 and Psalms (Book of), 192, 199, 200–1, 204
 and quantum theory, 22, 206
 “satisfactions of belief,” 188, 191, 199
 snow as metaphor for, 216, 217–18
 and Stein, 20
 style of, 201
 style of and spiralling, 199–201
 and thinking as evolving form, 21
 “true subject,” 4, 5, 197
 and “vibration/s,” 198, 211
 and W. James, 187, 190, 207, 218
 and Whitehead, 181, 182
 word use as “critical opalescence,” 211
 “The Auroras of Autumn,” 212
 “The Comedian as the Letter C,” 21, 200
The Irrational Element in Poetry, 196–9, 216
 “The Man with the Blue Guitar,” 196
 “An Ordinary Evening in New Haven,” 208, 210–13
 “Peter Quince at the Clavier,” 218–23, 227
 “The Snow Man,” 217
 “Sunday Morning,” 191, 192–3
 style, 41, 58, 121
 common features in Edwards and Emerson, 42
 of Edwards, 39
 as homeostatic adjustment, 40–1
 “new intellectual” necessary after *Origin*, 122
 “plain style,” 257n.39
 of Stevens, 199–201
 subject–predicate scheme, 3
 breakdown of, 4, 6, 8, 9, 47
 superposition/s, 186, 211
 and wave activity of thinking, 131
 Suzuki, D. T., 273n.112
 Swedenborg, Emanuel, 93, 133, 137, 152, 218
 and Balzac, 19, 166, 168–9
 as “Buddha of the North” (*Louis Lambert*), 167
 and crystal analogy, 72, 75–6
 and crystallography, 17
 and Emerson’s reading of, 14, 72–3, 75–7
 and H. James, 165
 and H. James Sr., 112–13
 and W. James, 17, 73, 173
Apocalypse Revealed, 165
Heaven and Hell (and H. James), 138–9
see also Emerson, Ralph Waldo; James, Henry, Sr.; James, Henry; James, William
- Taves, Ann, 58, 264n.53, 276n.15
 teleology, 12, 81, 226
 theory of neuronal group selection (TNGS), 125.
See also Edelman, Gerald M.
- thinking
 evolution of, 6
 as evolving form (and Stevens), 21
 as life form, 8
 W. James on, 7, 17
 Thoreau, Henry David, 12, 80
Three Lives, *see* Stein, Gertrude
 Tiffany, Daniel, 216–17, 218
 Tintner, Adeline, 19, 142–3
 Tufts, James H., 260n.4
 Tyndall, John, 82, 84, 126, 128–9, 159
 typology, ix, 43, 86
 and Edwards, 27, 30, 32, 36, 47, 51, 52, 261n.14
 and Emerson, 43
 naturalized (Stevens), 214
 and Puritan thinking, 1–2
 and repetition, 28
- Updike, John, 154
- Van Vechten, Carl, 243
 variation, 201, 226, 227
 and copying genetic information, 40
 of Edwards’s words and phrases, 31
 rhythmic (Bateson), 235
 and speciation (and Stevens’s style), 223
Varieties of Religious Experience, *The*, *see* James, William
- vibration/s, 198, 211, 229
 and Bateson, 235
 “of organic deformation” (Whitehead), 182, 229
 and stability in “new” quantum theory, 214
 and Stevens, 198, 211
 “vibratory organism” (Whitehead), 235
 “vibratory organisms” as sentences (Whitehead), 238
- Vico, Giambattista, 217
- Walls, Laura Dassow, 80, 258n.49
 Watson, James, 69, 250, 252
 wave activity, 117, 128
 and Emerson (Faraday), 65
 and language, 129
 neural (W. James), 129

Cambridge University Press

978-0-521-83748-4 - A Natural History of Pragmatism: The Fact of Feeling from Jonathan Edwards to Gertrude Stein

Joan Richardson

Index

[More information](#)

Index

327

- wave forms (Whitehead), 182
- wave motion, 89
- wave packets, 108, 120
- wave–particle duality, 181, 210, 226
- as “irrational element” (Bohr), 204
- Newton’s anticipation of, 69
- wave theory, 118
- and Emerson, 207
- waves
- firing and neural connections, 127
- as superpositions, 131
- Wedgwood, Hensleigh, 90–3
- Weil, Simone, 298n.206
- Weiner, Norbert, 87, 229, 259n.64
- Wells, H. G., 154
- Whewell, William, 70
- Whitehead, Alfred North, 94, 96, 100, 110, 126, 144, 225, 235
- and “actual entities,” 7, 10
- and “appetition and satisfaction,” 7
- and “appetition of thought,” 56, 67, 220
- on constitution of self in relation to environment, 6
- continuing work of W. James, 7
- on embodiment, 9
- on emotional energy, 47
- “event” for, 263n.41
- on feeling/s, 10
- on feelings as “vectors,” 164
- “identity philosophy” of, 75
- and “the ‘idea’ idea,” 257–8n.43
- “lures for feeling,” 10
- “occasion” for, 10, 202, 257n.35 (definition) and *Paradise Lost*, 84
- philosophy of organism, 56, 67, 71, 253n.4
- and “prehension,” 37, 75, 249, 263n.41 (definition)
- relation of whole to part (“bodily event”), 228
- and Stevens, 181
- and “stubborn fact,” 10, 202–3, 275n.7
- on subject–predicate scheme shift, 4, 8
- “vector feeling-tone,” 227
- vibration – “vibratory organism/s,” 235, 238
- and wave forms, 182
- The Function of Reason*, 254n.11
- Process and Reality*, 1, 220, 255n.14
- Science and the Modern World*, 181
- Whitman, Walt, 12
- will
- and brain activity, 31
- Chauncey Wright on, 122
- and Edwards, 31, 34, 60
- free (Jacques Loeb), 135
- in *Louis Lambert*, 168
- and W. James, 151, 174–5
- Williams, Raymond, 79, 220
- Williams, William Carlos, 205, 242
- Wilson, Edmund, 232, 243
- Wilson, Eric, 258n.49
- Wilson, John F., 41, 58, 263n.49
- Wright, Chauncey, 17, 122
- Zeki, Semir, 226