



PROJECT MUSE®

Index

Published by

Reilly, Francis E.

Charles Peirce's Theory of Scientific Method.

Fordham University Press, 2019.

Project MUSE. <https://dx.doi.org/10.1353/book.64110>.



➔ For additional information about this book

<https://muse.jhu.edu/book/64110>



This work is licensed under a Creative Commons Attribution 4.0 International License.

[172.69.58.7] Project MUSE (2025-04-04 22:02 GMT)

INDEX

- Abbot, Francis Ellingwood, 4
Abduction, 30–55, 58, 167n22, 168n32,
169nn39, 43, 44, 183n49
 abductive inference, 46–55
 antipositivism of, 36–38
 Burks on, 168n35
 development of theory of, 32–35
 economy in, 38–41, 169n46
 explanatory function of, 34–38, 168n34
 instinct and, 41–45, 169n49
 interpretative character of, 50–52
 originality of, 53
 perceptual judgment and, 46–53, 171nn
 64&65
 pragmaticism and, 53–55
 process and form of, 32–33, 172n68
 rules for, 37
 see also Hypothesis
Action, 162nn29&30
 action-reaction, 18
 belief and, 16–18
 conceived, 172n74
 decision for *vs.* decision about, 17
 doubt and, 162n26
 imagined, 17–18
 object of thought, 19
 pragmatism and, 16–20, 164n38
Aesthetics, 18, 133–137, 190nn4, 7, 8
Agapism, 185n61, 191n17
Agassiz, Louis, 4, 158n9
Anancasm, 185n61
*Annual Report of the Smithsonian Institution
for the Year ending June 30,
1900*, 159n4
Antecedence, virtual, 173n8
Appleton, W. H., 148
A priori method, 24–25
Aquinas, Thomas, 122
Aristotle, 47, 118, 130, 160n12
Authority, method of, 23–24

Bain, Alexander, 148
Baldwin
 Dictionary, 28, 31, 35, 62, 66, 71, 72,
 73–74, 110, 115, 147, 148, 175nn16&
 19
Bastian, Ralph J., 163n32
Behavior, essence and, 163n32
Belief, 14–22, 81, 161nn19&21, 165n4
 commonsense, 170n56
 directed toward action, 16, 17, 18
 essence of, 16
 fixing of, 16ff., 161n22, 164n1
 practical *vs.* theoretical, 17, 162n29
 truth or falsity of, 91
Berkeley, Bishop, 149
Bernouli, Christoph, 10
Bernstein, Richard J., 172n70, 180n28,
 187n84, 190n9
Blau, Joseph L.
 *Men and Movements in American Phi-
 losophy*, 179n25
Boehm, Jacob, 158n9
Boler, John F., 119, 123
 Charles Peirce and Scholastic Realism,
 173n4, 187n86, 188n94&96
Bosco, Nynfa, 191n20
Braithwaite, R. B., 176n30
Branch, *see* Science, branches of
Britton, Karl, 183n46
Buchler, Justus, 18, 163n31, 177n1
 Charles Peirce's Empiricism, 165n6,
 171n62, 178nn6, 8, 15, 180n28
 on interpreting Peirce, 177n1
Burks, Arthur W., 5, 148, 149, 161n19,
 166n17, 168n35, 188nn90&93
 Peirce bibliography, 158n12
 on Peirce's pragmatism, 121–122
 see also Peirce, Charles S.: *Collected
 Papers*

Calderoni, Mario, 122
Cambridge, Mass., 3, 4, 63, 119, 149,
 158n9, 161n19
Cartesianism, 16; *see also* Descartes
Carus, Paul, 30, 90, 167n20, 169nn38&40,
 184n53

- Chance, 102–105, 137, 167n20, 184n52, 186n75, 191n17
 arguments for, 184n54
 in nature, 103–106
- Chisholm, Roderick M., 172n70, 175n21
- Class, in science, 160n11
- Classification, in induction, 69–70
- Cohen, Morris R., 3, 5, 6
American Thought: A Critical Sketch, 157n7, 159nn21&22
see also Peirce, Charles S.: *Chance, Love and Logic*
- Coincidence, 167n20
- Comteanism, 36, 58, 169n42
- Concept, meaning of, 163n37
- Concord, Mass., 158n9
- Conjectures, 31
- Consequences
vs. consequent, 173n4
 experiential, 59–61
- Continuity, 107–24, 185nn62, 63, 67, 186n77, 191n17
 generality and, 116–124
 of knowledge, 115–124
 of the object of science, 107–111
 pragmatism and, 116–124
 thirdness and, 121–124
- Copernicus, 42
- Cossal proposition, 171n59
- Cotary proposition, 124, 171n59
 “Critical common-sensism,” 45, 170n57
- Darwin, Charles; Darwinism, 4, 10, 94, 105, 113, 138, 141
- Davis, Ellery W., 176n29
- Deduction, 32, 33
 propositions from, 173n7
 role of, in scientific inquiry, 59–62, 173n5
- De Morgan, Augustus, 186n78
- Descartes, René, 85, 138, 161n24, 179n23, 187n85; *see also* Cartesianism
- Determinism, 184n53
- Dewey, John, 144, 163n37, 164n38, 191n21
 on Peirce’s “critical common-sensism,” 170n57
see also Peirce, Charles S.: *Chance, Love and Logic*
- Doubt, 14–22, 35, 45, 161nn19&21, 165n4
 action and, 162n26
 extent of, 161n24
 fake doubt, 162n30
 genuineness of, 16
 theoretical, 162n30
Downside Review, The, 170n57
- Duns Scotus, 122, 163n32
- Emerson, Ralph Waldo, 158n9
 “The Sphinx,” 182n41
- Ethics, 132–133, 190nn4, 6, 7
 aesthetics and, 18
 logic and, 18, 157n4
- Evolution, 181nn33&35–37, 182nn38, 40, 41, 183n47
 continuity and, 107
 Darwinian, 113
 general character of, 93–96, 181n32
 influence of theories on Peirce, 4
 Kingian, 114
 of knowledge, 111, 112–115
 Lamarckian, 114
 and law and chance, 96–107
 Metaphysical Club and, 158n13
 as process of control, 137
 synthesis of, in Peirce, 138–145
- Existence, definition of, 182n39
- Experience
 Buchler on Peircean “experience,” 165n6
 conjecture and, 31
 Gouge on Peircean experience, 166n17
 object of, 87
 observation as type of, 166n12
 oppositional aspect of, 167n18
vs. perception, 165n8
 prolongation of, 73–74
 psychology of, 167n18
 and scientific inquiry, 25–30
 summarized, 30
- Experiment, 165n3
 ideal, 165n9
 indagation, 165n11
 methods of, 174n10
vs. rational calculation, 165n9
 sensible, 165n9
- Explanation, 30–55
 definition of, 169nn36, 38, 39
 function of, 32–36
- Fairbanks, Matthew J., 169n42, 185n63
- Fallibilism, 79–128, 180n28
 the Absolute and, 184n57
 affinity of mind and nature, 124–128
 biographical approach to, 178n11
 continuity and, 107–124, 185n62
 “contrite fallibilism,” 83
 defined, 80
 evolution and, 93–96, 111–115
 extent of, 178n4
 method and, 80–84
 object of sciences and, 84–111
 scientific method and, 80–84
 universe (Peircean) and, 111–124
- Family, in science, 160n11
- Feeling, 166n17
- Feibleman, James K.
An Introduction to Peirce’s Philosophy Interpreted as a System, 157n6, 159n23, 167n19
- Firstness concept, 119

- Fisch, Max, 149, 184n53, 188n90
 on Metaphysical Club, 158n13
- Fiske, John, 4
- Fitzgerald, John J.
Pierce's Theory of Signs, 187n89, 190n8
- Fraser, Alexander Campbell
Works of George Berkeley, 84, 85, 178n12, 179n20, 187n88
- Freeman, Eugene
The Categories of Charles Peirce, 183n48, 187n89
- Fuller, Margaret, 158n9
- Galileo, 42, 44, 125, 170n53
- Gallie, W. B., 21, 85, 138, 164n41
Pierce and Pragmatism 157n5, 158n14, 163n36, 178nn2&14, 183n51, 191n14
- Generality, 186n77
 continuity and, 110–111, 116–124
 prediction of, 60
 theory of, 116–124
- Gilbert, William, 42
- God
 as Creator, 141–145
 existence of, 141, 142
- Goodwin, Robert P., 188n97
- Gouge, Thomas A.
The Thought of C. S. Peirce, 160n10, 166n17, 175n21, 176n28, 178nn3&8, 181n33, 190n9, 191n17
 transcendentalism in Peirce, 160n10
- Gray, Asa, 158n9
- Green, Nicholas St. John, 4
- Haas, William Paul, 180n28, 184n53, 188nn94&97
- Habit, 108–109, 139, 185n60
 definition of, 16–17
 law and, 99–101
- Hallucination, 179n25
- Hamblin, Frances Murphy, 183n46
- Hartshorne, Charles S., 157n6, 184n53
see also Peirce, Charles S.: *Collected Papers*
- Harvard Observatory, 4
- Harvard University, 3, 4, 5, 26, 58
- Harvey, William, 42
- Hedge, Frederic H., 158n9
- Hegel, 87, 185n63
- Helmholtz, H. L. F., 10
- Hesitancy, feigned, 162n30
- Hibbert Journal*, 149, 161n21
- Hill, W. H., 170n55
- Hobbes, Thomas, 138
- Holmes, Oliver Wendell, 4, 158n9
- Howison, George H., 5
- Hume, David, 31, 85, 167n23, 169n48
- Hypothesis, 30–55, 167n22
 in Comtean positivism, 36
 criterion of admissibility, 188n92
 economy in, 38–41
 explanatory, 30–55, 60, 125–127, 169n37
 function of, 32–34
 hypothesis-forming, 32–33, 38–45
 modification of, 64, 74–76, 177n35
 process of, 32–33
 reasoned *vs.* instinctive, 40–41
 synonym for abduction, 32
 as synthetic inference, 168n33
 testing of, 58–59, 71–72, 75–76
 verifiability of, 36, 38, 54, 71–72, 172n2
see also Abduction
- Idioscopy, 182n42
- Imagination, meaning of, 37
- Indagation, 165n11
- Indubitables, perceptual and social, 170n56
- Induction, 32, 33, 34, 168nn32&33
 as approach to truth, 63, 72–76
 corrective function of, 177n34
 defined, 62–63, 70–71, 174nn9&11
 faulty, 175n16
 function of, 37–38
 phases of, 69–72
 predestination, 65–66, 174n15, 175nn16, 17, 19
 probable, 68
 process of, 62–77, 176n27
 qualitative, 70
 quantitative, 66, 68, 69, 70
 ratio, 176n28
 requirements for, 65–69, 174n14
 revision of hypotheses, 74–76
 sampling, 65, 67–69, 73–74
 sentential, 70
 and verification, 173n5, 176n30, 178n3
- Inference
 abductive, 172n68
 deductive, 65–66, 177n38
 generalizing, 71
 inductive, 66, 177n38
 leading principle, 73
 probable, 65, 73
 synthetic, 69, 168n33
 types of 168n26
- Inquiry, 15, 160n14, 161nn19&21, 165n4
 cosmogonic, 139–145
 deductive, 173n6
 explanatory hypothesis, 30–55
 feigned hesitancy, 17
 “gonic,” 138
 narrow range of, 83
 “nomic,” 138
 and pragmatic method, 14–15, 20–21
 process of, 60, 186n72
 spirit of, 159n2
- Instinct, 169n49, 178n10
 in abduction, 41–45
 animal, 43

- existence of, 188n100
 Hill on Peircean instinct, 170n55
 hypothesis and, 59
 scientific *vs.* practical, 170n50
International Philosophical Quarterly, 164n38, 191n18
 Interpretation, 171nn64&65
 examples of, 50, 171n63
 Irregularity, 167n20
- James, Henry, 5, 149
 James, William, 4–5, 6, 18, 19, 147, 149, 163n37, 164n38, 179nn19&23, 184n53, 186n83
Principles of Psychology, 166n17
The Will to Believe, 5
 Johns Hopkins University, 2, 4
 Joule, James P., 10
Journal of Philosophy, 165n4, 166n17, 177nn1&32, 178n5, 183n46, 184n56, 188n93, 190n11
Journal of Philosophy, Psychology and Scientific Methods, 149, 163n37, 164n38, 181n33, 183n46, 190n6
Journal of Speculative Philosophy, 85, 168n28
Journal of the History of Ideas, 149
 Judgment
 and generality, 118
 perceptual, 121, 123
 and abduction, 46–53, 171nn64&65
 fallibility of, 82
- Kant, Immanuel, 85, 148, 149, 187n85
 architectonic theory of philosophy, 159n19
Critique of Pure Reason, 3
 Kepler, Thomas, 42
 Kernan, Fergus, 181n33, 183n45
 King, Clarence, 94, 105, 181n34, 182n40
 Knight, Thomas S., 184n53
 Knowledge
 evolution and continuity of, 111–124
 experience and, 25
 fallibility of, 84–111, 179n18
 for its own sake, 9–22
 fundamental maxim, 161n24
 methods for pursuit of, 165n2
 perfect, 161n24
 public character of, 91–93
 theoretical *vs.* practical, 130–138
- Ladd-Franklin, Mrs. Christine, 163n37, 190n6
 Lamarck, 94, 105
 Langley, Samuel P., 167n23
 Law, 137, 139, 182nn40, 41, 43, 183n47
 habit and, 99–101
 in nature, 68, 96–103, 167n23, 189n101
- Lawrence Scientific School (Cambridge), 4
 Leibniz, 85, 157n6, 187n85
 Leonard, Henry S., 191n18
 Lewes, George Henry, 58
Aristotle: A Chapter from the History of Science, 172n1
 Lieb, Irwin C., *see* Peirce, Charles S.: *Letters to Lady Welby*
 Logic, 132–133, 190nn6&7
 ethics and, 18, 157n4
 pragmatic maxim and, 55
 of relatives, 116–117, 186nn78–80
 scope of, 157n3
 Longfellow, Henry Wadsworth, 158n9
 Lovejoy, Arthur C.
The Thirteen Pragmatisms and Other Essays, 149
 Lowell Institute, 4
- Mach, Ernst, 27
Populär-wissenschaftliche Vorlesungen, 165n9
 Madden, Edward H., 177n34, 188n93
 Meaning, 163n32
 as intellectual purport, 19
 origination of, 46
 perceptual judgment and, 121, 123
 question of, 53
 rational meaning, 20
 Mechanics, science of, 83, 178n10
- Men
 classes of, 159n6
 practical *vs.* scientific, 11
 Mendeleef, Dmitri, 10–11
 Metaphysical Club, 4, 148, 149, 158n13, 161n19, 163n37
 Metaphysics, 141–145, 191nn18, 19, 20
 Method, scientific, 160n13, 164n1, 165nn2&5
 convergence on truth, 10, 24–25, 72–77, 80, 81
 essence of, 62–63
 experience and, 25–30
 fallibilism and, 80–84
 and motivation, 10, 12–13
 observational phase, 25–30
 Peirce's summary, 21–22
 pragmatism and, 20–21, 141
 verification process, 57–77
Mid-West Quarterly, The, 176n29
 Milford, Penna., 5
 Mill, John Stuart, 4, 77–78, 182n43
 Mind, nature and, 85, 124–128
Mind, 173n6
Modern Schoolman, The, 165n8, 169n42
Monist, The, 85, 90, 147, 148, 158n9, 169n40, 171n60, 178n13, 182n40, 183n44, 184n52
 Moore, Edward C., 180n27, 188n91
 on Peirce's pragmatism, 122

- Moore, Edward C., and Robin, Richard S. (eds.)
Studies in the Philosophy of Charles Sanders Peirce (second series), 158n13, 164n40, 172n70, 177n34, 187n84, 189n3, 191n20
 "Mugwump," 168n30
 Murphey, Murray G., 53
The Development of Peirce's Philosophy, 149, 158n10, 159n19, 163n33, 172n69, 180n28, 185n68, 188n99
 Murphree, Idus, 20, 164n40, 165n4, 177n32, 190n11
 on scientific method, 24
- Nagel, Ernest, 81, 172n74, 178n5
 Natanson, Maurice, 165n8
Nation, The, 190n6
 Nature, 25
 "conversation with," 27
 evolution of, 93–96, 189n102
 law and chance in, 68, 96–107, 167n23, 189n101
 mind and, 85, 124–128
 scientist and, 11
 uniformity of, 29, 77
New England Quarterly, The, 184n53
New Republic, The, 191n21
New Scholasticism, The, 185n63, 188n97, 190n8
 Newton, Isaac, 114, 138
 Nominalism, 122, 123, 171n67
North American Review, The, 178n12
 Northrop, F. S. C., 157n6
- Object
 fallibilism and, 84–111
 reality of, 84–93
 Observation, 58
 beginning of, 25–26, 29
 direct, 28
 nature of, 26–27
 and scientific inquiry, 25–30
 as type of experience, 166n12
 Ockham, William of, 138, 170n51
 O'Connell, James, 171nn64&65
 on Peirce's "critical common-sensism," 170n57
 Oliver, W. Donald, 191n17
 Order, in science, 160n11
- Pearson, Karl, 28, 130, 131
The Grammar of Science, 130, 166n15
 Peirce, Benjamin (father), 3, 158n9
 Peirce, Charles Sanders
 antinomialism of, 121–124, 171n67, 183n45
 Aristotelianism of, 160n12, 188n98
 on Cartesianism, 85, 87, 89, 179n23
 emphasis on theory in, 130–138
 intellect of, 157n6
 knowledge of history, 130
 life of, 1–7, 83–84, 158nn9&10, 167n23
 refutation of Mill, 76–77
 self-appraisal, 158n17
 as systematic philosopher, 159nn19&23
 unity of thought in, 166n17
 writings and lectures
 "The Architecture of Theories," 98, 99, 101, 182n40
 Baldwin's *Dictionary* articles
 "Pragmatism," 147
 "Pre designate," 66, 175n16
 "Probable Inference," 74, 175n19
 "Reality," 86–87
 "Reasoning," 31, 35, 62, 66, 71, 74
 "Synchism," 110, 115
 "Validity," 74
Chance, Love and Logic (ed. Cohen; suppl. essay Dewey), 5
Collected Papers (ed. Hartshorne, Weiss, Burks), 5, 14, 35, 129, 148, 157n1, 158n12, 161nn16, 19, 21, 163n37, 165nn3&7, 169n40, 170nn57&58, 173n3, 176n30, 178nn12&13, 185n63, 186n83, 191nn18&21
 "Deduction, Induction, and Hypothesis," 33
 "Detached Ideas on Vitaly Important Topics," 125
 "Early Nominalism and Realism," 165n7
Essays in the Philosophy of Science (ed. Tomas), 165n5
 "The Ethics of Terminology," 180n26
 "Evolutionary Love," 181n35
 "Fallibilism, Continuity and Evolution," 94
 "The Fixation of Belief," 15, 16, 91, 161nn16&21, 164n1, 165n2
 "A Guess at the Riddle," 106, 128, 182nn38&41, 184n58
 "History of Science," 9, 37, 39, 42, 93, 112, 159n6, 174n13
 "How to Make Our Ideas Clear," 15, 17, 18, 19, 85, 91, 148, 161n16, 165n2, 179n22
 "How to Theorize," 42, 43
 "Hume on Miracles," 59, 67, 167n23
 "Ideals of Conduct," 133
 "Illustrations of the Logic of Science," 165n2
 "Issues of Pragmaticism," 19, 163n33, 178n13
 "The Laws of Nature and Hume's Argument Against Miracles," 31, 68, 167n23, 189n101
Letters to Lady Welby (ed. Lieb), 92–93, 179n20, 181n31, 186n83

- "Logic and Spiritualism," 27
 "The Logic of Events," 13, 184n59
 "The Logic of Science and Induction," 4
 "Methods for Attaining Truth," 125
 "Minute Logic," 29, 72, 94, 132, 133, 160n9, 189n102
 "A Neglected Argument for the Reality of God," 44, 60, 69, 149, 161n21, 169n39, 173n3
 "Note on the Theory of the Economy of Research," 169n47
 observation, article on, 28
 "On Detached Ideas in General and on Vitally Important Topics," 11
 "On the Logic of Drawing History from Documents especially from Testimonies," 169n38
 "On the Logic of Science," 4
 "On the Natural Classification of Arguments," 32, 177n38
 Peirce Papers, 158nn9&17, 191n19
Photometric Researches, 4
 "The Probability of Induction," 176n25
 "Prolegomena to an Apology for Pragmatism," 171n60
 "Questions Concerning Certain Faculties Claimed for Man," 85
 "Rejoinder to Dr. Carus," 99, 102
 review of Fraser's *Berkeley*, 84, 85, 178n12, 179n20, 187n88
 review of James's *Principles of Psychology*, 166n17
 review of Pearson's *Grammar of Science*, 130-131
 "The Rule of Logic," 12
 "Search for a Method," 32, 34, 168n26, 174n13, 176n25, 177n38
 "Some Consequences of Four Incapacities," 32, 85, 87, 88, 177n38, 179n24, 187n87
Studies in Logic (ed. Peirce), 65, 168n34
 "A Theory of Probable Inference," 34, 65, 168n34, 174n13
 "Truth and Falsity and Error," 179n18
Values in a Universe of Chance (ed. Wiener), 157n2, 159nn1, 3, 4, 8, 160n14, 161n18, 165n3, 167n23, 168n24, 169nn41&48, 172n71, 176n23, 179n20, 181n31, 185n67, 186nn71&78, 189n101
 "The Varieties and Validity of Induction," 64, 71
 "What Pragmatism Is," 97, 118
 "Why Study Logic?" ("Minute Logic"), 132, 133, 179n21
 Peirce, Sarah (mother), 3
 Pennsylvania, 3
 Percept, 28, 166n14
 perceptual judgment, 46-53
 real *vs.* unreal, 28-29
 Perception
 categories, 186n83, 187n84
 direct (immediate), 167n19, 187n84
 vs. experience, 165n8
 laws of, 178n16
 and speculation, 172n70
 Perry, Ralph Barton, 144, 191n22
 The Thought and Character of William James, 149, 158nn15&16, 163n37, 164n38, 166n17, 179n19, 186n83, 191n22
 Phenomena, experimental, 20
 Phenomenology, 118-124, 190nn7&8
Philosophical Review, *The*, 184n53
Philosophical Studies, 171n64
Philosophy and Phenomenological Research, 163n32, 188n91, 191n22
Philosophy of Science, 166n17, 168n35, 170n55, 172n74, 191n18
 Physics, 43
 Plato; Platonism, 130, 185n64
 Plotinus, 158n9
Popular Science Monthly, 147, 148, 163n33, 166n15, 168n31, 176n25, 179n22, 189n1
 Positivism (Comtean), 36, 58, 169n42
 Potter, Vincent G., 18
 Charles S. Peirce on Norms and Ideals, 163n35, 180n27, 188n96, 190n7
 Pragmatism; Pragmaticist
 origin and use of terminology, 147-149, 160n15, 163n37
 see also Pragmatism
 Pragmatism; Pragmatist, 4, 18-22, 36, 97-98, 116, 119-124, 134-136, 141, 147-148, 159n8, 161n17, 163n32, 172n73, 179n19
 abduction and, 53-55
 the Absolute and, 191n19
 conditional and general, 163n33, 164n39
 lectures on, 63-64, 119, 170n58
 origin of terminology, 147-149, 160n15, 163n37
 Peircean *vs.* Jamesian, 164n38
 pragmatic maxim, 16, 18-19, 54-55, 122, 148, 163n34, 172nn72&74, 188n93
 and scientific method, 14
 and thirtness, 187n89
 see also Pragmaticism
 Predesignation, 65-66, 174n15, 175nn16, 17, 19
 Predictions, 59-60, 61-62, 122-124
 validity of, 71
 virtual, 59
 Premiss, 168n29

- Presumption, 31, 167n22, 175n20
 rule of, 169n45
- Probability, 69, 175n21
- Probation, inductive
 qualitative, 70
 quantitative, 70
- Proceedings of the American Academy of Arts and Sciences*, 168n27
- Proceedings of the American Philosophical Society*, 167n23
- Proposition, cotary (cossal), 124, 171n59
- Psychics, 43, 83, 178n10
- Ptolemy, 13
- Reality, 81, 179nn17, 21, 22, 180n27, 187nn87&88
 definition, 90–91
 evolution and, 94
vs. fiction, 91
 knowledge of, 73–76, 179n24
 mind and, 86–88, 124–125
 object and, 28, 84–93
- Reason, 27–28
 as admirable character of cosmos, 133–134
- Reasonableness, concrete, 190n9
- Reasoning, 165nn9&10, 186n82
 probability and, 168n33
 types of, 63
- Regularity, 98, 139; *see also* Uniformity
- Reid, Thomas, 167n19, 187n85
- Relatives, logic of, 116–117, 186 nn78–80
- Research, 27
 economy in, 38–41, 169nn47&48
- Resistance
 experience and, 29
 reality and, 28
- Retroduction, 31, 167n22
see also Abduction
- Revelation, 178n9
- Revue de Metaphysique et de Morale*, 164n38
- Revue Philosophique*, 148
- Robin, Richard S., 189n3
Annotated Catalogue of the Papers of Charles S. Peirce, 158n9
see also Moore, Edward C., and Robin, Richard S.
- Roth, Robert J., 164n38, 191n18
- Royce, Josiah, 163n37, 179n25, 181n33, 183 n46
- Salisbury, Thomas
Mathematical Collections and Translations, 170n53
- Sampling, 65, 67–69, 73–74
- Schelling, Friedrich, 158n9
- Schiller, Friedrich
Ästhetische Briefe, 3
- Scholasticism, 163n32
- Science
 belief and, 160n13
 branches of, 160n11
 continuity of, 111–124
 definitions, 9–10, 159n1
 doubt-inquiry-belief procedure, 14–15
 epistemology of, 2
 evolution of, 111–115
 fallibilism, 79–128
 affinity of mind and nature, 124–128
 method and, 80–84
 object of sciences and, 84–111
 universe (Peircean), 111–124
 functions of, 31
 growth of, 186n73
 limitation of, 80
 living process, 125–126
 parallel between knowledge and object, 79–128
 practical, 159nn7&8, 160n11, 190n11
 purity of, 130
 theoretical aspects, 11–12, 160n11, 190n11
 as way of life, 14
see also Method, scientific; Scientist
- Science*, 159n8
- Scientists
 community of, 91–93, 180n30
 method, 12, 13
 motivation of, 10, 12, 13, 130–131, 160n9
 theorizing (for physical scientists), 183n50
see also Method, scientific; Science
- Secondness* concept, 119
- Self-consciousness, 179n23
- Sensation, 27, 28
- Signs, theory of, 187n89
- Simplicity, 170n52
- Smith, James Ward, 173n6
- Smith, John E., 180n28
- Smithsonian Institution, 167n23
- Socrates, 149
- Spencer, Herbert, 94, 184n53
- Spinoza, Baruch, 85, 149
 “Subject-class,” use of, 176n24
- Synechism, 107–111, 185n61
see also Continuity
- Teilhardian age, 130, 141
- Tenacity, method of, 23
- Theory
 definition, 36
 importance of, to Peirce, 130–138
- Things, origin of, 100
- Thirdness* concept, 118–124, 137, 187n89
- Thompson, Manley, 20, 98
The Pragmatic Philosophy of C. S. Peirce, 159n20, 164n40, 168n32, 170n56, 180n28, 181n32, 185n70, 186n79, 188n98, 190n10
- Tomas, Vincent, *see* Peirce, Charles S.: *Essays in the Philosophy of Science*

- Transcendentalism, 158n9, 160n10
- Truth, 87, 92–93
 a priori method, 24–25
 authority method, 23–24
vs. conjecture, 31
 convergence on, by induction, 63, 72–76,
 80, 81
 for own sake, 130–138
 pragmatic method and, 20–21
 scientific method, 10–22, 24–25
 tenacity method, 23
- Tychism, 184n52, 185n61
see also Chance
- Uniformity, 77, 98–99, 105–107, 182nn40,
 41, 43
 explanation of, 29
see also Regularity
- United States Coast and Geodetic Survey,
 4, 169n47
- Universe
 Creator and, 142–145
 efficient causality, 185n66
 evolution of, 144
 law and chance in, 96–107, 184n59,
 188n99
 order in, 188n99
 origin of, 183n51
 regularity of, 77
 uniformity and, 184n58
see also Indagation
- Value theory, 133
- Verification, 172n2
 corrective function of, 63
 and induction, 173n5
 process of, 58–59, 63–64
see also Deduction; Induction
- Virtual antecedence, *see* Antecedence
- Wallace, Alfred R., 10
- Weiss, Paul, 5, 158n8, 177n1, 184n56,
 188n93, 191n18
 on “abduction,” 167n22
 on interpreting Peirce, 177n1
see also Peirce, Charles S.: *Collected
 Papers*
- Welby, Lady, 92, 160n14
- Wennerberg, Hjalmar
The Pragmatism of C. S. Peirce, 161n19,
 163n32
- Whately, Richard
Logic, 3
- Whewell, William, 27
History of the Inductive Sciences, 165n8
- White, Morton
The Age of Analysis, 188n93
- Whitehead, Alfred North, 157n6
- Wiener, Philip P., 159nn4&8
*Evolution and the Founders of Pragma-
 tism*, 158n13, 181nn33&36, 189n102,
 191nn16&17
 on Peirce as philosopher, 2
 on Peirce’s scientific method, 157n2
see also Peirce, Charles S.: *Values in a
 Universe of Chance*
- Wiener, Philip P., and Young, Frederic H.
 (eds.)
*Studies in the Philosophy of Charles
 Sanders Peirce* (first series), 157n6,
 158n13, 163n31, 164n41, 167n22,
 172n70, 175n21, 180n28, 189n102
- Wilkins, Thurman, 181n34
- Wonder, 35
- Wright, Chauncey, 4, 184n53
- Young, Frederic H., *see* Wiener, Philip P.,
 and Young