

Bonaventure

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1 Bonaventure

13th-century philosopher, Franciscan, theologian, and saint This article is about the Italian medieval theologian. For other uses, see Bonaventure (disambiguation)¹.

Saint

Bonaventure

OFM

17th-century portrait of Bonaventure by French painter and friar Claude François

Friar

Cardinal Bishop of Albano

Doctor of the Church

Teacher of the Faith

Born Giovanni di Fidanza

1221

Civita di Bagnoregio near Viterbo,

Latium, Papal States

Died 15 July 1274 (aged 52–53)

Lyon, Lyonnais, Kingdom of

Burgundy-Arles

Venerated in Catholic Church

Church of England

Canon- 14 April 1482, Rome by Pope Six-

on- tus IV

ized

Feast 15 July

2nd Sunday in July (1482–1568)

14 July (1568–1969)

15 July (Church of England)

At- Cardinal's hat on a bush; ciborium;

tributes Holy Communion; cardinal in Fran-

ciscan robes, usually reading or

writing**Philosophy career**

Doctor Seraphicus ("Seraphic Doc-

tor")

Alma mater University of Paris

Era Medieval philosophy

Re- Western philosophy

gion

¹ [https://en.wikipedia.org/wiki/Bonaventure_\(disambiguation\)](https://en.wikipedia.org/wiki/Bonaventure_(disambiguation))

Saint

Bonaventure

OFM

School Scholasticism
Augustinianism
Neoplatonism^{[1][2]}
Philosophical realism
Medieval realism (moderate realism)

Institutions University of Paris

Main interests Metaphysics

Notable ideas Bonaventure's version of Anselm of Canterbury's ontological argument

Ecclesiastical career

Roman Catholic
Religion
Church Catholic Church
Offices held Cardinal-Bishop of Albano

Ordination history

Source(s):^[4]

Part of a series² on
Scholasticism³

² <https://en.wikipedia.org/wiki/Category:Scholasticism>

³ <https://en.wikipedia.org/wiki/Scholasticism>



Figure 1

Scholastic schools

- Thomism⁴
- Scotism⁵
- Occamism⁶

Major scholastic works

- *Summa Theologica*⁷
- *Cur Deus Homo*⁸
- *Summa Grammatica*⁹
- *Summa logicae*¹⁰
- *Opus Oxoniense*¹¹
- *Libri Quattuor Sententiarum*¹²

Precursors

- Augustine of Hippo¹³
- Boethius¹⁴
- Pope Gregory I¹⁵
- Alcuin of York¹⁶
- John Scotus Eriugena¹⁷

-
- 4 <https://en.wikipedia.org/wiki/Thomism>
 - 5 <https://en.wikipedia.org/wiki/Scotism>
 - 6 <https://en.wikipedia.org/wiki/Occamism>
 - 7 https://en.wikipedia.org/wiki/Summa_Theologica
 - 8 https://en.wikipedia.org/wiki/Cur_Deus_Homo
 - 9 https://en.wikipedia.org/wiki/Summa_Grammatica
 - 10 https://en.wikipedia.org/wiki/Sum_of_Logic
 - 11 https://en.wikipedia.org/wiki/Duns_Scotus#Work
 - 12 https://en.wikipedia.org/wiki/Libri_Quattuor_Sententiarum
 - 13 https://en.wikipedia.org/wiki/Augustine_of_Hippo
 - 14 <https://en.wikipedia.org/wiki/Boethius>
 - 15 https://en.wikipedia.org/wiki/Pope_Gregory_I
 - 16 <https://en.wikipedia.org/wiki/Alcuin>
 - 17 https://en.wikipedia.org/wiki/John_Scotus_Eriugena

People

- Thomas Aquinas¹⁸ ("Doctor Angelicus")
- Duns Scotus¹⁹ ("Doctor Subtilis")
- William of Ockham²⁰ ("Doctor Invincibilis")
- Francisco Suárez²¹ ("Doctor Eximius")
- Averroes²² ("The Commentator")
- Albertus Magnus²³ ("Doctor Universalis")
- Peter Lombard²⁴ ("The Master")
- Bonaventure ("Doctor Seraphicus")
- Anselm of Canterbury²⁵ ("Doctor Marianus")
- Peter Abelard²⁶ ("Doctor Scholasticus")

Related

- *Philosophy*²⁷
- Aristotelianism²⁸
- Dominican Order²⁹
- Franciscan Order³⁰
- Catholic theology³¹
- Islamic philosophy³²
- Empiricism³³
- Neoplatonism³⁴
- Neo-scholasticism³⁵
- *Problem of universals*³⁶
- Protoscholastic writing³⁷

18 https://en.wikipedia.org/wiki/Thomas_Aquinas

19 https://en.wikipedia.org/wiki/Duns_Scotus

20 https://en.wikipedia.org/wiki/William_of_Ockham

21 https://en.wikipedia.org/wiki/Francisco_Su%C3%A1rez

22 <https://en.wikipedia.org/wiki/Averroes>

23 https://en.wikipedia.org/wiki/Albertus_Magnus

24 https://en.wikipedia.org/wiki/Peter_Lombard

25 https://en.wikipedia.org/wiki/Anselm_of_Canterbury

26 https://en.wikipedia.org/wiki/Peter_Abelard

27 <https://en.wikipedia.org/wiki/Philosophy>

28 <https://en.wikipedia.org/wiki/Aristotelianism>

29 https://en.wikipedia.org/wiki/Dominican_Order

30 https://en.wikipedia.org/wiki/Franciscan_Order

31 https://en.wikipedia.org/wiki/Roman_Catholic_theology

32 https://en.wikipedia.org/wiki/Islamic_philosophy



33 <https://en.wikipedia.org/wiki/Empiricism>

34 <https://en.wikipedia.org/wiki/Neoplatonism>

35 <https://en.wikipedia.org/wiki/Neo-scholasticism>

36 https://en.wikipedia.org/wiki/Problem_of_universals

37 https://en.wikipedia.org/wiki/Protoscholastic_writing

-  Philosophy portal³⁸
-  Catholicism portal³⁹

- v⁴⁰
- t⁴¹
- e⁴²

Part of a series⁴³ on
Christian mysticism⁴⁴



Figure 4 Transfiguration of Jesus

³⁸ <https://en.wikipedia.org/wiki/Portal:Philosophy>
³⁹ <https://en.wikipedia.org/wiki/Portal:Catholicism>
⁴⁰ <https://en.wikipedia.org/wiki/Template:Scholasticism>
⁴¹ https://en.wikipedia.org/wiki/Template_talk:Scholasticism
⁴² <https://en.wikipedia.org/w/index.php?title=Template:Scholasticism&action=edit>
⁴³ https://en.wikipedia.org/wiki/Category:Christian_mysticism
⁴⁴ https://en.wikipedia.org/wiki/Christian_mysticism

Theology • Philosophy

- Apophatic⁴⁵
- Ascetical⁴⁶
- Cataphatic⁴⁷
- Catholic spirituality⁴⁸
- Hellenistic⁴⁹
- Mystical theology⁵⁰
- Neoplatonic⁵¹
 - Henosis⁵²

45 https://en.wikipedia.org/wiki/Apophatic_theology

46 https://en.wikipedia.org/wiki/Ascetical_theology

47 https://en.wikipedia.org/wiki/Cataphatic_theology

48 https://en.wikipedia.org/wiki/Catholic_spirituality

49 https://en.wikipedia.org/wiki/Christianity_and_Hellenistic_philosophy

50 https://en.wikipedia.org/wiki/Mystical_theology

51 https://en.wikipedia.org/wiki/Neoplatonism_and_Christianity

52 <https://en.wikipedia.org/wiki/Henosis>

PracticesMonasticism

- Monasticism⁵³
- Asceticism⁵⁴
- Spiritual direction⁵⁵

Meditation

- Meditation⁵⁶
- *Lectio Divina*⁵⁷
- Invoking of Mystic Saints⁵⁸

Active asceticism

- Contemplation⁵⁹
 - Hesychasm⁶⁰
 - Jesus prayer⁶¹
 - Quietism⁶²
- Stages of Christian perfection⁶³
- Divinization⁶⁴
 - Catharsis⁶⁵
 - *Theosis*⁶⁶
- Kenosis⁶⁷
- Spiritual dryness⁶⁸
- Religious ecstasy⁶⁹

Passive asceticism

- Abstinence⁷⁰

-
- 53 https://en.wikipedia.org/wiki/Christian_monasticism
 - 54 <https://en.wikipedia.org/wiki/Asceticism>
 - 55 https://en.wikipedia.org/wiki/Spiritual_direction
 - 56 https://en.wikipedia.org/wiki/Christian_meditation
 - 57 https://en.wikipedia.org/wiki/Lectio_Divina
 - 58 https://en.wikipedia.org/wiki/Intercession_of_saints
 - 59 https://en.wikipedia.org/wiki/Christian_contemplation
 - 60 <https://en.wikipedia.org/wiki/Hesychasm>
 - 61 https://en.wikipedia.org/wiki/Jesus_prayer
 - 62 [https://en.wikipedia.org/wiki/Quietism_\(Christian_philosophy\)](https://en.wikipedia.org/wiki/Quietism_(Christian_philosophy))
 - 63 [https://en.wikipedia.org/wiki/State_\(theology\)](https://en.wikipedia.org/wiki/State_(theology))
 - 64 [https://en.wikipedia.org/wiki/Divinization_\(Christian\)](https://en.wikipedia.org/wiki/Divinization_(Christian))
 - 65 <https://en.wikipedia.org/wiki/Catharsis>
 - 66 [https://en.wikipedia.org/wiki/Theosis_\(Eastern_Christian_theology\)](https://en.wikipedia.org/wiki/Theosis_(Eastern_Christian_theology))
 - 67 <https://en.wikipedia.org/wiki/Kenosis>
 - 68 https://en.wikipedia.org/wiki/Spiritual_dryness
 - 69 https://en.wikipedia.org/wiki/Religious_ecstasy
 - 70 <https://en.wikipedia.org/wiki/Abstinence>

People (by era or century)	Antiquity	<ul style="list-style-type: none">• Ancient African⁷¹• Origen⁷²• Gregory of Nyssa⁷³• Pseudo-Dionysius⁷⁴
	Desert Fathers ⁷⁵	<ul style="list-style-type: none">• Paul of Thebes⁷⁶• Anthony the Great⁷⁷• Arsenius the Great⁷⁸• Poemen⁷⁹• Macarius of Egypt⁸⁰• Moses the Black⁸¹• Syncletica⁸²• Athanasius⁸³• John Chrysostom⁸⁴• Hilarion⁸⁵• John Cassian⁸⁶
	11th · 12th	<ul style="list-style-type: none">• Bernard of Clairvaux⁸⁷• Guigo II⁸⁸• Hildegard of Bingen⁸⁹• Symeon the New Theologian⁹⁰
	Dominican ⁹¹	<ul style="list-style-type: none">• Dominic de Guzmán⁹²
	Franciscan ⁹³	<ul style="list-style-type: none">• Francis of Assisi⁹⁴• Anthony of Padua⁹⁵• Bonaventure• Jacopone da Todi⁹⁶• Angela of Foligno⁹⁷
	English	<ul style="list-style-type: none">• Richard Rolle⁹⁸• Walter Hilton⁹⁹• Julian of Norwich¹⁰⁰• Margery Kempe¹⁰¹
	13th · 14th	Flemish ¹⁰² <ul style="list-style-type: none">• Beatrice of Nazareth¹⁰³• Lutgardis¹⁰⁴• John of Ruysbroeck¹⁰⁵
		German ¹⁰⁶ <ul style="list-style-type: none">• Meister Eckhart¹⁰⁷• Johannes Tauler¹⁰⁸• Henry Suso¹⁰⁹
		Female ¹¹⁰ <ul style="list-style-type: none">• Beatrice of Nazareth¹¹¹• Bridget of Sweden¹¹²• Catherine of Siena¹¹³• Mechthild of Magdeburg¹¹⁴• Marguerite Porete¹¹⁵
		Spanish ¹¹⁶ <ul style="list-style-type: none">• Ignatius of Loyola¹¹⁷• Francisco de Osuna¹¹⁸• John of Ávila¹¹⁹• Teresa of Ávila¹²⁰
	15th · 16th	<ul style="list-style-type: none">• John of the Cross¹²¹
	Others	<ul style="list-style-type: none">• Catherine of Genoa¹²²
	French ¹²³	<ul style="list-style-type: none">• Margaret Mary Alacoque¹²⁴• Pierre de Bérulle¹²⁵• Jean-Jacques Olier¹²⁶• Louis de Montfort¹²⁷• Charles de Condren¹²⁸• John Eudes¹²⁹
	17th · 18th	<ul style="list-style-type: none">• John of St. Samson¹³⁰
	Others	

Literature • Media

- *Lingua Ignota*¹⁶⁰
- *Ordo Virtutum*¹⁶¹
- *Scivias*¹⁶²
- *Ascent of Mount Carmel*¹⁶³
- *Dark Night of the Soul*¹⁶⁴
- *Spiritual Canticle*¹⁶⁵
- *Way of Perfection*¹⁶⁶
- *Book of the First Monks*¹⁶⁷
- *The Interior Castle*¹⁶⁸
- *Abbey of the Holy Ghost*¹⁶⁹
- *A Dialogue of Comfort against Tribulation*¹⁷⁰
- *Diary: Divine Mercy in My Soul*¹⁷¹
- *From Willow Creek to Sacred Heart*¹⁷²
- *The Glories of Mary*¹⁷³
- *The Imitation of Christ*¹⁷⁴
- *The Ladder of Divine Ascent*¹⁷⁵
- *Philokalia*¹⁷⁶
- *Revelations of Divine Love*¹⁷⁷
- *The Story of a Soul*¹⁷⁸
- *Theologia Germanica*¹⁷⁹
- *Devotio Moderna*¹⁸⁰
- *Fatima in Lucia's Own Words*¹⁸¹
- *Calls from the Message of Fatima*¹⁸²
- *The Miracle of Our Lady of Fatima*¹⁸³
- *Sol de Fátima*¹⁸⁴
- *The Cloud of Unknowing*¹⁸⁵
- *The Consolation of Philosophy*¹⁸⁶
- *The Mirror of Simple Souls*¹⁸⁷
- *Sister Catherine Treatise*¹⁸⁸
- *Tractatus de Purgatorio Sancti Patricii*¹⁸⁹
- *The Vision of Adamnán*¹⁹⁰
- *Divine Comedy*¹⁹¹
 - *Inferno*¹⁹²
 - *Purgatorio*¹⁹³
 - *Paradiso*¹⁹⁴
- *Fatima*¹⁹⁵

160 https://en.wikipedia.org/wiki/Lingua_Ignota

161 https://en.wikipedia.org/wiki/Ordo_Virtutum

162 <https://en.wikipedia.org/wiki/Scivias>

163 https://en.wikipedia.org/wiki/Ascent_of_Mount_Carmel

164 https://en.wikipedia.org/wiki/Dark_Night_of_the_Soul

165 https://en.wikipedia.org/wiki/Spiritual_Canticle

166 https://en.wikipedia.org/wiki/Way_of_Perfection

167 https://en.wikipedia.org/wiki/Book_of_the_First_Monks

168 https://en.wikipedia.org/wiki/The_Interior_Castle

169 https://en.wikipedia.org/wiki/Abbey_of_the_Holy_Ghost

170 https://en.wikipedia.org/wiki/A_Dialogue_of_Comfort_against_Tribulation

171 https://en.wikipedia.org/wiki/Diary:_Divine_Mercy_in_My_Soul

172 https://en.wikipedia.org/wiki/From_Willow_Creek_to_Sacred_Heart

173 https://en.wikipedia.org/wiki/The_Glories_of_Mary

174 https://en.wikipedia.org/wiki/The_Imitation_of_Christ

175 https://en.wikipedia.org/wiki/The_Ladder_of_Divine_Ascent

176 <https://en.wikipedia.org/wiki/Philokalia>

- v¹⁹⁶
- t¹⁹⁷
- e¹⁹⁸

Bonaventure (/ˈbɒnəvɛntʃər, bɒnəˈvɛn-/¹⁹⁹ *BON-ə-ven-čər*, -*VEN*-²⁰⁰; Italian²⁰¹: *Bonaventura* [ˈbɒnavɛnˈtura]²⁰²; 1221 – 15 July 1274),^[5] born **Giovanni di Fidanza**, was an Italian medieval²⁰³ Franciscan²⁰⁴, scholastic²⁰⁵ theologian²⁰⁶ and philosopher²⁰⁷. The seventh Minister General of the Order of Friars Minor²⁰⁸, he was also Cardinal Bishop of Albano²⁰⁹. He was canonised²¹⁰ on 14 April 1482 by Pope Sixtus IV²¹¹ and declared a Doctor of the Church²¹² in the year 1588 by Pope Sixtus V²¹³. He is known as the "Seraphic

177 https://en.wikipedia.org/wiki/Revelations_of_Divine_Love
178 https://en.wikipedia.org/wiki/The_Story_of_a_Soul
179 https://en.wikipedia.org/wiki/Theologia_Germanica
180 https://en.wikipedia.org/wiki/Devotio_Moderna
181 https://en.wikipedia.org/wiki/Fatima_in_Lucia%27s_Own_Words
182 https://en.wikipedia.org/wiki/Calls_from_the_Message_of_Fatima
183 https://en.wikipedia.org/wiki/The_Miracle_of_Our_Lady_of_Fatima
184 https://en.wikipedia.org/wiki/Sol_de_F%C3%A1tima
185 https://en.wikipedia.org/wiki/The_Cloud_of_Unknowing
186 https://en.wikipedia.org/wiki/The_Consolation_of_Philosophy
187 https://en.wikipedia.org/wiki/The_Mirror_of_Simple_Souls
188 https://en.wikipedia.org/wiki/Sister_Catherine_Treatise
189 https://en.wikipedia.org/wiki/Tractatus_de_Purgatorio_Sancti_Patricii
190 https://en.wikipedia.org/wiki/The_Vision_of_Adamn%C3%A1n
191 https://en.wikipedia.org/wiki/Divine_Comedy
192 [https://en.wikipedia.org/wiki/Inferno_\(Dante\)](https://en.wikipedia.org/wiki/Inferno_(Dante))
193 <https://en.wikipedia.org/wiki/Purgatorio>
194 [https://en.wikipedia.org/wiki/Paradiso_\(Dante\)](https://en.wikipedia.org/wiki/Paradiso_(Dante))
195 [https://en.wikipedia.org/wiki/Fatima_\(2020_film\)](https://en.wikipedia.org/wiki/Fatima_(2020_film))
196 https://en.wikipedia.org/wiki/Template:Christian_mysticism
197 https://en.wikipedia.org/wiki/Template_talk:Christian_mysticism
198 https://en.wikipedia.org/w/index.php?title=Template:Christian_mysticism&action=edit
199 <https://en.wikipedia.org/wiki/Help:IPA/English>
200 https://en.wikipedia.org/wiki/Help:Pronunciation_respelling_key
201 https://en.wikipedia.org/wiki/Italian_language
202 <https://en.wikipedia.org/wiki/Help:IPA/Italian>
203 <https://en.wikipedia.org/wiki/Medieval>
204 <https://en.wikipedia.org/wiki/Franciscan>
205 <https://en.wikipedia.org/wiki/Scholasticism>
206 <https://en.wikipedia.org/wiki/Theologian>
207 <https://en.wikipedia.org/wiki/Philosopher>
208 https://en.wikipedia.org/wiki/Minister_General_of_the_Order_of_Friars_Minor
209 https://en.wikipedia.org/wiki/Cardinal_Bishop_of_Alban
210 <https://en.wikipedia.org/wiki/Canonised>
211 https://en.wikipedia.org/wiki/Pope_Sixtus_IV
212 https://en.wikipedia.org/wiki/Doctor_of_the_Church
213 https://en.wikipedia.org/wiki/Pope_Sixtus_V

Doctor” (Latin²¹⁴: *Doctor Seraphicus*). His feast day²¹⁵ is 15 July. Many writings believed in the Middle Ages²¹⁶ to be his are now collected under the name Pseudo-Bonaventure²¹⁷.

1.1 Life

He was born at Civita di Bagnoregio²¹⁸, not far from Viterbo²¹⁹, then part of the Papal States²²⁰. Almost nothing is known of his childhood, other than the names of his parents, Giovanni di Fidanza and Maria di Ritella.^{[6][7]} Bonaventure reports that in his youth he was saved from an untimely death by the prayers of Francis of Assisi²²¹, which is the primary motivation for Bonaventure's writing the *vita*.^[8]

He entered the Franciscan Order²²² in 1243 and studied at the University of Paris²²³, possibly under Alexander of Hales²²⁴, and certainly under Alexander's successor, John of Rochelle²²⁵.^[9] In 1253 he held the Franciscan chair at Paris. A dispute between seculars and mendicants delayed his reception as Master until 1257, where his degree was taken in company with Thomas Aquinas²²⁶.^[10] Three years earlier his fame had earned him the position of lecturer on *The Four Books of Sentences*²²⁷—a book of theology written by Peter Lombard²²⁸ in the twelfth century—and in 1255 he received the degree of master, the medieval equivalent of doctor.^[9]

After having successfully defended his order against the reproaches of the anti-mendicant²²⁹ party, he was elected Minister General of the Franciscan Order. On 24 November 1265, he was selected for the post of Archbishop of York²³⁰; however, he was never consecrated²³¹ and resigned the appointment in October 1266.^[11]

During his tenure, the General Chapter of Narbonne, held in 1260, promulgated a decree prohibiting the publication of any work out of the order without permission from superiors. This prohibition has induced modern writers to pass severe judgment upon Roger Bacon²³²'s superiors, who were assumed to be envious of Bacon's abilities. However, the prohibition enjoined on Bacon was a general one, which extended to the whole order. Its promulgation was not directed against him, but rather against Gerard of Borgo San Donnino²³³. In 1254

214 https://en.wikipedia.org/wiki/Latin_language

215 https://en.wikipedia.org/wiki/Calendar_of_saints

216 https://en.wikipedia.org/wiki/Middle_Ages

217 <https://en.wikipedia.org/wiki/Pseudo-Bonaventure>

218 https://en.wikipedia.org/wiki/Civita_di_Bagnoregio

219 <https://en.wikipedia.org/wiki/Viterbo>

220 https://en.wikipedia.org/wiki/Papal_States

221 https://en.wikipedia.org/wiki/Francis_of_Assisi

222 https://en.wikipedia.org/wiki/Franciscan_Order

223 https://en.wikipedia.org/wiki/University_of_Paris

224 https://en.wikipedia.org/wiki/Alexander_of_Hales

225 https://en.wikipedia.org/wiki/John_of_Rochelle

226 https://en.wikipedia.org/wiki/Thomas_Aquinas

227 <https://en.wikipedia.org/wiki/Sentences>

228 https://en.wikipedia.org/wiki/Peter_Lombard

229 https://en.wikipedia.org/wiki/Mendicant_orders

230 https://en.wikipedia.org/wiki/Archbishop_of_York

231 <https://en.wikipedia.org/wiki/Consecrated>

232 https://en.wikipedia.org/wiki/Roger_Bacon

233 https://en.wikipedia.org/wiki/Gerard_of_Borgo_San_Donnino

Gerard had published without permission a heretical work, *Introductorius in Evangelium æternum* (*An Introduction to the Eternal Gospel*). Thereupon the General Chapter of Narbonne promulgated their decree, identical with the "constitutio gravis in contrarium" Bacon speaks of. The prohibition was rescinded in Roger's favor unexpectedly in 1266.^[12]

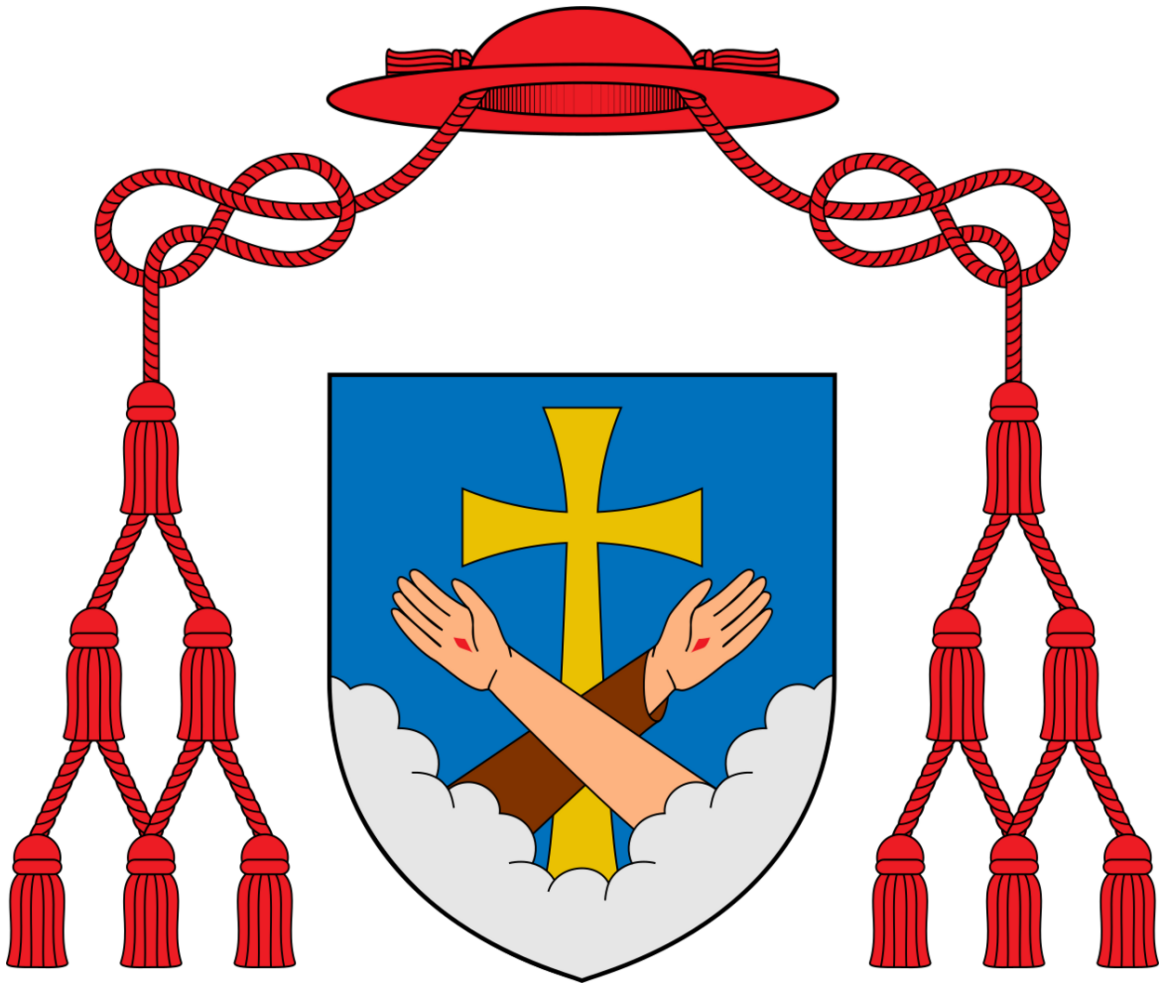


Figure 5 Bonaventure's coat of arms of Cardinal Bishop of Albano

Bonaventure was instrumental in procuring the election of Pope Gregory X²³⁴, who rewarded him with the title of Cardinal Bishop²³⁵ of Albano²³⁶, and insisted on his presence at the great Second Council of Lyon²³⁷ in 1274.^[9] There, after his significant contributions led to a union of the Greek and Latin churches, Bonaventure died suddenly and under suspicious circumstances. The 1913 edition of the *Catholic Encyclopedia*²³⁸ has citations that suggest he was poisoned, but no mention is made of this in the 2003 second edition of the New Catholic Encyclopedia²³⁹.

²³⁴ https://en.wikipedia.org/wiki/Pope_Gregory_X

²³⁵ https://en.wikipedia.org/wiki/Cardinal_Bishop

²³⁶ https://en.wikipedia.org/wiki/Roman_Catholic_Suburbicarian_Diocese_of_Alban

²³⁷ https://en.wikipedia.org/wiki/Second_Council_of_Lyon

²³⁸ https://en.wikipedia.org/wiki/Catholic_Encyclopedia

²³⁹ https://en.wikipedia.org/wiki/New_Catholic_Encyclopedia

He steered the Franciscans on a moderate and intellectual course that made them the most prominent order in the Catholic Church until the coming of the Jesuits. His theology was marked by an attempt completely to integrate faith and reason. He thought of Christ as the "one true master" who offers humans knowledge that begins in faith, is developed through rational understanding, and is perfected by mystical union with God.^[13]

1.1.1 Relics

In the year 1434, 160 years after his death, his body was moved to a new church that was considered more fitting. Upon doing so, the head was found to be entirely incorrupt. "The hair, lips, teeth, and tongue were perfectly preserved and retained their natural colour. The people of Lyons were profoundly affected by this miracle, and they chose Bonaventure for the patron of their city. The movement, already on foot, to obtain his canonization received thereby a new and powerful impetus." However, a century later in 1562, the city of Lyons was captured by Huguenots²⁴⁰, who burned Bonaventure's body in the public square. In the nineteenth century during Dechristianization of France during the French Revolution²⁴¹, the urn containing the incorrupt head was hidden, after which the church was razed to the ground. The urn has never been recovered.^[14] The only extant relic of Bonaventure is the arm and hand with which he wrote his *Commentary on the Sentences*, which is now conserved at Bagnoregio, in the parish church of St. Nicholas.^[15]

²⁴⁰ <https://en.wikipedia.org/wiki/Huguenots>

²⁴¹ https://en.wikipedia.org/wiki/Dechristianization_of_France_during_the_French_Revolution

1.2 Theology and works

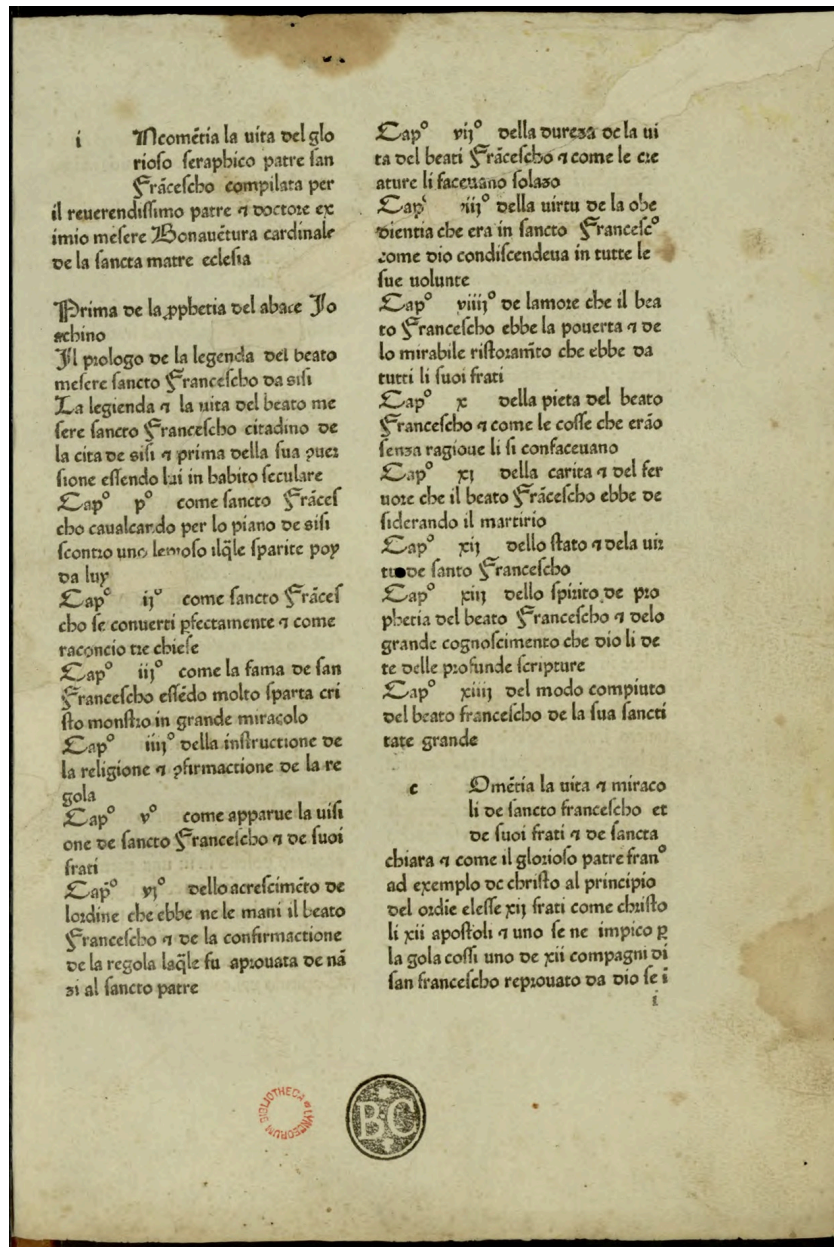


Figure 6 Legenda maior, 1477

1.2.1 Writings

Bonaventure was formally canonised²⁴² in 1484 by the Franciscan Pope Sixtus IV²⁴³, and ranked along with Thomas Aquinas as the greatest of the Doctors of the Church²⁴⁴ by an-

²⁴² <https://en.wikipedia.org/wiki/Canonised>

²⁴³ https://en.wikipedia.org/wiki/Pope_Sixtus_IV

²⁴⁴ https://en.wikipedia.org/wiki/Doctors_of_the_Church

other Franciscan, Pope Sixtus V²⁴⁵, in 1587. Bonaventure was regarded as one of the greatest philosophers of the Middle Ages.^[16] His works, as arranged in the most recent Critical Edition by the Quaracchi Fathers (Collegio S. Bonaventura²⁴⁶), consist of a *Commentary on the Sentences of Lombard*, in four volumes, and eight other volumes, including a *Commentary on the Gospel of St Luke* and a number of smaller works; the most famous of which are *The Mind's Road to God* (*Itinerarium mentis in Deum*), an outline of his theology or *Brief Reading* (*Breviloquium*), *Reduction of the Arts to Theology* (*De reductione artium ad theologiam*), and Soliloquy on the Four Spiritual Exercises (*Soliloquium de quatuor mentalibus exercitiis*), *The Tree of Life* (*Lignum vitae*), and *The Triple Way* (*De Triplici via*), the latter three written for the spiritual direction of his fellow Franciscans.

The German philosopher Dieter Hattrup denies that *Reduction of the Arts to Theology* was written by Bonaventure, claiming that the style of thinking does not match Bonaventure's original style.^[17] His position is no longer tenable given recent research: the text remains "indubitably authentic".^{[18][19]} A work that for many years was falsely attributed to Bonaventure, *De septem itineribus aeternitatis*, was actually written by Rudolf von Biberach²⁴⁷ (c. 1270 – 1329).^[20]

For Isabelle of France²⁴⁸, the sister of King Louis IX of France²⁴⁹, and her monastery of Poor Clares²⁵⁰ at Longchamps, Bonaventure wrote the treatise *Concerning the Perfection of Life*.^[5]

The *Commentary on the Sentences*, written at the command of his superiors when he was twenty-seven,^[16] is Bonaventure's major work and most of his other theological and philosophical writings are in some way dependent on it. However, some of Bonaventure's later works, such as the *Lectures on the Six Days of Creation*²⁵¹, show substantial developments beyond the *Sentences*.^{[21][22]}

1.2.2 Philosophy



Part of a series²⁵² on

Catholic philosophy²⁵³

Aquinas²⁵⁴, Scotus²⁵⁵, and Ockham²⁵⁶

Ethics²⁵⁷

²⁴⁵ https://en.wikipedia.org/wiki/Pope_Sixtus_V

²⁴⁶ https://en.wikipedia.org/wiki/Collegio_S._Bonaventura

²⁴⁷ https://en.wikipedia.org/w/index.php?title=Rudolf_von_Biberach&action=edit&redlink=1

²⁴⁸ [https://en.wikipedia.org/wiki/Isabelle_of_France_\(saint\)](https://en.wikipedia.org/wiki/Isabelle_of_France_(saint))

²⁴⁹ https://en.wikipedia.org/wiki/Louis_IX_of_France

²⁵⁰ https://en.wikipedia.org/wiki/Poor_Clares

²⁵¹ https://en.wikipedia.org/wiki/Collationes_in_Hexaemeron

²⁵² https://en.wikipedia.org/wiki/Category:Catholic_philosophers

²⁵³ https://en.wikipedia.org/wiki/Christian_philosophy

²⁵⁴ https://en.wikipedia.org/wiki/Thomas_Aquinas

²⁵⁵ https://en.wikipedia.org/wiki/Duns_Scotus

²⁵⁶ https://en.wikipedia.org/wiki/William_of_Ockham

²⁵⁷ https://en.wikipedia.org/wiki/Catholic_moral_theology

- Cardinal virtues²⁵⁸
- Just price²⁵⁹
- Just war²⁶⁰
- Principle of Double Effect²⁶¹
- Probabilism²⁶²
- Natural law²⁶³
- Personalism²⁶⁴
- Social teaching²⁶⁵
- Virtue ethics²⁶⁶

Metaphysics²⁶⁷

- Conceptualism²⁶⁸
- Realism²⁶⁹
- Moderate realism²⁷⁰
- Nominalism²⁷¹
- Quiddity²⁷² (essence²⁷³ / nature²⁷⁴)
- Haecceity²⁷⁵
- Quinque Viae²⁷⁶
- Predestination²⁷⁷
- Free Will²⁷⁸
- Divine Attributes²⁷⁹

Schools

-
- 258 https://en.wikipedia.org/wiki/Cardinal_virtues
- 259 https://en.wikipedia.org/wiki/Just_price
- 260 https://en.wikipedia.org/wiki/Just_war_theory#Catholic_doctrine
- 261 https://en.wikipedia.org/wiki/Principle_of_Double_Effect
- 262 https://en.wikipedia.org/wiki/Catholic_probabilism
- 263 https://en.wikipedia.org/wiki/Natural_law#Catholic_natural_law_jurisprudence
- 264 https://en.wikipedia.org/wiki/Catholic_personalism
- 265 https://en.wikipedia.org/wiki/Catholic_social_teaching
- 266 https://en.wikipedia.org/wiki/Virtue_ethics
- 267 <https://en.wikipedia.org/wiki/Metaphysics>
- 268 <https://en.wikipedia.org/wiki/Conceptualism>
- 269 https://en.wikipedia.org/wiki/Philosophical_realism
- 270 https://en.wikipedia.org/wiki/Moderate_realism
- 271 <https://en.wikipedia.org/wiki/Nominalism>
- 272 <https://en.wikipedia.org/wiki/Quiddity>
- 273 <https://en.wikipedia.org/wiki/Essence>
- 274 [https://en.wikipedia.org/wiki/Nature_\(philosophy\)](https://en.wikipedia.org/wiki/Nature_(philosophy))
- 275 <https://en.wikipedia.org/wiki/Haecceity>
- 276 https://en.wikipedia.org/wiki/Quinque_Viae
- 277 <https://en.wikipedia.org/wiki/Predestination>
- 278 https://en.wikipedia.org/wiki/Free_Will#In_theology
- 279 https://en.wikipedia.org/wiki/Attributes_of_God_in_Christianity

- Augustinianism²⁸⁰
- Cartesianism²⁸¹
- Molinism²⁸²
- Nouvelle théologie²⁸³
- Occamism²⁸⁴
- Salamanca²⁸⁵
- Scholasticism²⁸⁶
 - Neo-scholasticism²⁸⁷
- Scotism²⁸⁸
- Thomism²⁸⁹

Philosophers²⁹⁰

280 <https://en.wikipedia.org/wiki/Augustinianism>

281 <https://en.wikipedia.org/wiki/Cartesianism>

282 <https://en.wikipedia.org/wiki/Molinism>

283 https://en.wikipedia.org/wiki/Nouvelle_th%C3%A9ologie

284 <https://en.wikipedia.org/wiki/Occamism>

285 https://en.wikipedia.org/wiki/School_of_Salamanca

286 <https://en.wikipedia.org/wiki/Scholasticism>

287 <https://en.wikipedia.org/wiki/Neo-scholasticism>

288 <https://en.wikipedia.org/wiki/Scotism>

289 <https://en.wikipedia.org/wiki/Thomism>

290 https://en.wikipedia.org/wiki/List_of_Catholic_philosophers_and_theologians

Ancient

- Ambrose²⁹¹
- Athanasius of Alexandria²⁹²
- Augustine of Hippo²⁹³
- Benedict of Nursia²⁹⁴
- Boethius²⁹⁵
- Clement of Alexandria²⁹⁶
- Cyprian²⁹⁷
- Cyril of Alexandria²⁹⁸
- Gregory of Nazianzus²⁹⁹
- Gregory of Nyssa³⁰⁰
- Irenaeus³⁰¹
- Jerome³⁰²
- John Cassian³⁰³
- John Chrysostom³⁰⁴
- John Climacus³⁰⁵
- John of Damascus³⁰⁶
- Justin Martyr³⁰⁷
- Maximus the Confessor³⁰⁸
- Pseudo-Dionysius the Areopagite³⁰⁹
- Origen³¹⁰
- Paul the Apostle³¹¹
- Tertullian³¹²

291 <https://en.wikipedia.org/wiki/Ambrose>

292 https://en.wikipedia.org/wiki/Athanasius_of_Alexandria

293 https://en.wikipedia.org/wiki/Augustine_of_Hippo

294 https://en.wikipedia.org/wiki/Benedict_of_Nursia

295 <https://en.wikipedia.org/wiki/Boethius>

296 https://en.wikipedia.org/wiki/Clement_of_Alexandria

297 <https://en.wikipedia.org/wiki/Cyprian>

298 https://en.wikipedia.org/wiki/Cyril_of_Alexandria

299 https://en.wikipedia.org/wiki/Gregory_of_Nazianzus

300 https://en.wikipedia.org/wiki/Gregory_of_Nyssa

301 <https://en.wikipedia.org/wiki/Irenaeus>

302 <https://en.wikipedia.org/wiki/Jerome>

303 https://en.wikipedia.org/wiki/John_Cassian

304 https://en.wikipedia.org/wiki/John_Chrysostom

305 https://en.wikipedia.org/wiki/John_Climacus

306 https://en.wikipedia.org/wiki/John_of_Damascus

307 https://en.wikipedia.org/wiki/Justin_Martyr

308 https://en.wikipedia.org/wiki/Maximus_the_Confessor

309 https://en.wikipedia.org/wiki/Pseudo-Dionysius_the_Areopagite

310 <https://en.wikipedia.org/wiki/Origen>

311 https://en.wikipedia.org/wiki/Paul_the_Apostle

312 <https://en.wikipedia.org/wiki/Tertullian>

Postclassical

- Peter Abelard³¹³
- Albertus Magnus³¹⁴
- Anselm of Canterbury³¹⁵
- Roger Bacon³¹⁶
- Bede³¹⁷
- Bernard of Clairvaux³¹⁸
- Berengar of Tours³¹⁹
- Bonaventure
- Catherine of Siena³²⁰
- Duns Scotus³²¹
- John Scotus Eriugena³²²
- Pope Gregory I³²³
- Gregory of Rimini³²⁴
- Giles of Rome³²⁵
- Hildegard of Bingen³²⁶
- Hugh of Saint Victor³²⁷
- Isidore of Seville³²⁸
- James of Viterbo³²⁹
- Jean Buridan³³⁰
- Meister Eckhart³³¹
- Nicholas of Cusa³³²
- Nicole Oresme³³³
- Paul of Venice³³⁴
- Paschasius Radbertus³³⁵
- Peter Lombard³³⁶
- Roscellinus³³⁷
- Symeon the New Theologian³³⁸
- Thierry of Chartres³³⁹
- Thomas Aquinas³⁴⁰
- William of Ockham³⁴¹

313 https://en.wikipedia.org/wiki/Peter_Abelard

314 https://en.wikipedia.org/wiki/Albertus_Magnus

315 https://en.wikipedia.org/wiki/Anselm_of_Canterbury

316 https://en.wikipedia.org/wiki/Roger_Bacon

317 <https://en.wikipedia.org/wiki/Bede>

318 https://en.wikipedia.org/wiki/Bernard_of_Clairvaux

319 https://en.wikipedia.org/wiki/Berengar_of_Tours

320 https://en.wikipedia.org/wiki/Catherine_of_Siena

321 https://en.wikipedia.org/wiki/Duns_Scotus

322 https://en.wikipedia.org/wiki/John_Scotus_Eriugena

323 https://en.wikipedia.org/wiki/Pope_Gregory_I

324 https://en.wikipedia.org/wiki/Gregory_of_Rimini

325 https://en.wikipedia.org/wiki/Giles_of_Rome

326 https://en.wikipedia.org/wiki/Hildegard_of_Bingen

327 https://en.wikipedia.org/wiki/Hugh_of_Saint_Victor

328 https://en.wikipedia.org/wiki/Isidore_of_Seville

329 https://en.wikipedia.org/wiki/James_of_Viterbo

330 https://en.wikipedia.org/wiki/Jean_Buridan

-
- 331 https://en.wikipedia.org/wiki/Meister_Eckhart
 - 332 https://en.wikipedia.org/wiki/Nicholas_of_Cusa
 - 333 https://en.wikipedia.org/wiki/Nicole_Oresme
 - 334 https://en.wikipedia.org/wiki/Paul_of_Venice
 - 335 https://en.wikipedia.org/wiki/Paschasius_Radbertus
 - 336 https://en.wikipedia.org/wiki/Peter_Lombard
 - 337 <https://en.wikipedia.org/wiki/Roscellinus>
 - 338 https://en.wikipedia.org/wiki/Symeon_the_New_Theologian
 - 339 https://en.wikipedia.org/wiki/Thierry_of_Chartres
 - 340 https://en.wikipedia.org/wiki/Thomas_Aquinas
 - 341 https://en.wikipedia.org/wiki/William_of_Ockham

Modern

- Arnould³⁴²
- Azpilcueta³⁴³
- Bellarmine³⁴⁴
- Bossuet³⁴⁵
- Brentano³⁴⁶
- Vico³⁴⁷
- Botero³⁴⁸
- Cajetan³⁴⁹
- Cortés³⁵⁰
- Sales³⁵¹
- Soto³⁵²
- Descartes³⁵³
- Erasmus³⁵⁴
- Fénelon³⁵⁵
- Gracián³⁵⁶
- Kollataj³⁵⁷
- Krasicki³⁵⁸
- La Mennais³⁵⁹
- Liguori³⁶⁰
- Malebranche³⁶¹
- Maistre³⁶²
- Meinong³⁶³
- Mercado³⁶⁴
- Molina³⁶⁵
- More³⁶⁶
- Newman³⁶⁷
- Pascal³⁶⁸
- Chateaubriand³⁶⁹
- Rosmini³⁷⁰
- Ávila³⁷¹
- Suárez³⁷²
- Vitoria³⁷³

342 https://en.wikipedia.org/wiki/Antoine_Arnauld

343 https://en.wikipedia.org/wiki/Mart%C3%ADn_de_Azpilcueta

344 https://en.wikipedia.org/wiki/Robert_Bellarmino

345 https://en.wikipedia.org/wiki/Jacques-B%C3%A9nigne_Bossuet

346 https://en.wikipedia.org/wiki/Franz_Brentano

347 https://en.wikipedia.org/wiki/Giambattista_Vico

348 https://en.wikipedia.org/wiki/Giovanni_Botero

349 https://en.wikipedia.org/wiki/Thomas_Cajetan

350 https://en.wikipedia.org/wiki/Juan_Donoso_Cort%C3%A9s

351 https://en.wikipedia.org/wiki/Francis_de_Sales

352 https://en.wikipedia.org/wiki/Domingo_de_Soto

353 https://en.wikipedia.org/wiki/Ren%C3%A9_Descartes

354 <https://en.wikipedia.org/wiki/Erasmus>

355 https://en.wikipedia.org/wiki/Fran%C3%A7ois_F%C3%A9nelon

356 https://en.wikipedia.org/wiki/Baltasar_Graci%C3%A1n

357 https://en.wikipedia.org/wiki/Hugo_Ko%C5%82%C5%82%C4%85taj

358 https://en.wikipedia.org/wiki/Ignacy_Krasicki
359 https://en.wikipedia.org/wiki/F%C3%A9licit%C3%A9_de_La_Mennais
360 https://en.wikipedia.org/wiki/Alphonsus_Liguori
361 https://en.wikipedia.org/wiki/Nicolas_Malebranche
362 https://en.wikipedia.org/wiki/Joseph_de_Maistre
363 https://en.wikipedia.org/wiki/Alexius_Meinong
364 https://en.wikipedia.org/wiki/Tom%C3%A1s_de_Mercado
365 https://en.wikipedia.org/wiki/Luis_de_Molina
366 https://en.wikipedia.org/wiki/Thomas_More
367 https://en.wikipedia.org/wiki/John_Henry_Newman
368 https://en.wikipedia.org/wiki/Blaise_Pascal
369 https://en.wikipedia.org/wiki/Fran%C3%A7ois-Ren%C3%A9_de_Chateaubriand
370 https://en.wikipedia.org/wiki/Antonio_Rosmini
371 https://en.wikipedia.org/wiki/Teresa_of_%C3%81vila
372 https://en.wikipedia.org/wiki/Francisco_Su%C3%A1rez
373 https://en.wikipedia.org/wiki/Francisco_de_Vitoria

Contemporary

- Mortimer J. Adler³⁷⁴
- Peter Geach³⁷⁵
- G. E. M. Anscombe³⁷⁶
- Pope Benedict XVI³⁷⁷
- Maurice Blondel³⁷⁸
- G. K. Chesterton³⁷⁹
- Yves Congar³⁸⁰
- Frederick Copleston³⁸¹
- Henri de Lubac³⁸²
- John Finnis³⁸³
- Reginald Garrigou-Lagrange³⁸⁴
- Étienne Gilson³⁸⁵
- René Girard³⁸⁶
- Gustavo Gutiérrez³⁸⁷
- Nicolás Gómez Dávila³⁸⁸
- Romano Guardini³⁸⁹
- John Haldane³⁹⁰
- Dietrich von Hildebrand³⁹¹
- Pope John Paul II³⁹²
- Bernard Lonergan³⁹³
- Alasdair MacIntyre³⁹⁴
- Gabriel Marcel³⁹⁵
- Jean-Luc Marion³⁹⁶
- Jacques Maritain³⁹⁷
- Marshall McLuhan³⁹⁸
- Emmanuel Mounier³⁹⁹
- Josef Pieper⁴⁰⁰
- Karl Rahner⁴⁰¹
- Edith Stein⁴⁰²
- Charles Taylor⁴⁰³
- Hans Urs von Balthasar⁴⁰⁴

374 https://en.wikipedia.org/wiki/Mortimer_J._Adler

375 https://en.wikipedia.org/wiki/Peter_Geach

376 https://en.wikipedia.org/wiki/G._E._M._Anscombe

377 https://en.wikipedia.org/wiki/Pope_Benedict_XVI

378 https://en.wikipedia.org/wiki/Maurice_Blondel

379 https://en.wikipedia.org/wiki/G._K._Chesterton

380 https://en.wikipedia.org/wiki/Yves_Congar

381 https://en.wikipedia.org/wiki/Frederick_Copleston

382 https://en.wikipedia.org/wiki/Henri_de_Lubac

383 https://en.wikipedia.org/wiki/John_Finnis

384 https://en.wikipedia.org/wiki/Reginald_Garrigou-Lagrange

385 https://en.wikipedia.org/wiki/%C3%89tienne_Gilson

386 https://en.wikipedia.org/wiki/Ren%C3%A9_Girard

387 https://en.wikipedia.org/wiki/Gustavo_Guti%C3%A9rrez

388 https://en.wikipedia.org/wiki/Nicol%C3%A1s_G%C3%B3mez_D%C3%A1vila

389 https://en.wikipedia.org/wiki/Romano_Guardini

390 [https://en.wikipedia.org/wiki/John_Haldane_\(philosopher\)](https://en.wikipedia.org/wiki/John_Haldane_(philosopher))

Catholicism portal⁴⁰⁵Philosophy portal⁴⁰⁶

- v⁴⁰⁷
- t⁴⁰⁸
- e⁴⁰⁹

Bonaventure wrote on almost every subject treated by the Scholastics (see Scholasticism⁴¹⁰), and his writings are substantial. A great number of them deal with faith in Christ, God and theology. No work of Bonaventure's is exclusively philosophical, a striking illustration of the mutual interpenetration of philosophy and theology that is a distinguishing mark of the Scholastic period.^[16]

Much of Bonaventure's philosophical thought shows a considerable influence by Augustine of Hippo⁴¹¹, so much so that De Wulf considers him the best medieval representative of Augustinianism⁴¹². Bonaventure adds Aristotelian principles to the Augustinian doctrine, especially in connection with the illumination of the intellect and the composition of human beings and other living creatures in terms of matter and form.^[23] Augustine, who had introduced into the west many of the doctrines that would define scholastic philosophy, was a critically important source of Bonaventure's Platonism. The mystic Dionysius the Areopagite⁴¹³ was another notable influence.

In philosophy Bonaventure presents a marked contrast to his contemporaries, Roger Bacon⁴¹⁴, Albert the Great⁴¹⁵, and Thomas Aquinas⁴¹⁶. While these may be taken as representing, respectively, physical science yet in its infancy, and Aristotelian⁴¹⁷ scholasticism

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- 391 https://en.wikipedia.org/wiki/Dietrich_von_Hildebrand
 - 392 https://en.wikipedia.org/wiki/Pope_John_Paul_II
 - 393 https://en.wikipedia.org/wiki/Bernard_Lonergan
 - 394 https://en.wikipedia.org/wiki/Alasdair_MacIntyre
 - 395 https://en.wikipedia.org/wiki/Gabriel_Marcel
 - 396 https://en.wikipedia.org/wiki/Jean-Luc_Marion
 - 397 https://en.wikipedia.org/wiki/Jacques_Maritain
 - 398 https://en.wikipedia.org/wiki/Marshall_McLuhan
 - 399 https://en.wikipedia.org/wiki/Emmanuel_Mounier
 - 400 https://en.wikipedia.org/wiki/Josef_Pieper
 - 401 https://en.wikipedia.org/wiki/Karl_Rahner
 - 402 https://en.wikipedia.org/wiki/Edith_Stein
 - 403 [https://en.wikipedia.org/wiki/Charles_Taylor_\(philosopher\)](https://en.wikipedia.org/wiki/Charles_Taylor_(philosopher))
 - 404 https://en.wikipedia.org/wiki/Hans_Urs_von_Balthasar
 - 405 <https://en.wikipedia.org/wiki/Portal:Catholicism>
 - 406 <https://en.wikipedia.org/wiki/Portal:Philosophy>
 - 407 https://en.wikipedia.org/wiki/Template:Catholic_philosophy
 - 408 https://en.wikipedia.org/wiki/Template_talk:Catholic_philosophy
 - 409 https://en.wikipedia.org/w/index.php?title=Template:Catholic_philosophy&action=edit
 - 410 <https://en.wikipedia.org/wiki/Scholasticism>
 - 411 https://en.wikipedia.org/wiki/Augustine_of_Hippo
 - 412 <https://en.wikipedia.org/wiki/Augustinianism>
 - 413 https://en.wikipedia.org/wiki/Pseudo-Dionysius_the_Areopagite
 - 414 https://en.wikipedia.org/wiki/Roger_Bacon
 - 415 https://en.wikipedia.org/wiki/Albert_the_Great
 - 416 https://en.wikipedia.org/wiki/Thomas_Aquinas
 - 417 <https://en.wikipedia.org/wiki/Aristotle>

in its most perfect form, Bonaventure presents the mystical and Platonizing⁴¹⁸ mode of speculation that had already, to some extent, found expression in Hugo⁴¹⁹ and Richard of St. Victor⁴²⁰, Alexander of Hales⁴²¹, and in Bernard of Clairvaux⁴²². To him, the purely intellectual element, though never absent, is of inferior interest when compared with the living power of the affections or the heart.^[9]



Figure 10 St. Bonaventure receives the envoys of the Byzantine Emperor at the Second Council of Lyon.

418 <https://en.wikipedia.org/wiki/Plato>

419 https://en.wikipedia.org/wiki/Hugh_of_St_Victor

420 https://en.wikipedia.org/wiki/Richard_of_St._Victor

421 https://en.wikipedia.org/wiki/Alexander_of_Hales

422 https://en.wikipedia.org/wiki/Bernard_of_Clairvaux

Like Thomas Aquinas, with whom he shared numerous profound agreements in matters theological and philosophical, he combated the Aristotelian notion of the eternity of the world vigorously (though he disagreed with Aquinas about the abstract possibility of an eternal universe). Bonaventure accepts the neo-Platonic doctrine that "forms" do not exist as subsistent entities, but as ideals or archetypes in the mind of God, according to which actual things were formed; and this conception has no slight influence upon his philosophy.^[9] Due to this, physicist and philosopher Max Bernhard Weinstein⁴²³ contended that Bonaventure showed strong pandeistic⁴²⁴ inclinations.^[24]

Like all the great scholastic doctors, Bonaventura starts with the discussion of the relations between reason and faith. All the sciences are but the handmaids of theology; reason can discover some of the moral truths that form the groundwork of the Christian system, but other truths can only be received and apprehended through divine illumination. To obtain this illumination, the soul must employ the proper means, which are prayer; the exercise of the virtues⁴²⁵, whereby it is rendered fit to accept the divine light; and meditation that may rise even to ecstatic union with God⁴²⁶. The supreme end of life is a union in contemplation⁴²⁷ or intellect or intense absorbing love⁴²⁸; but it cannot be entirely reached in this life, and remains as a hope⁴²⁹ for the future.^[9]

Like Aquinas and other notable thirteenth-century philosophers and theologians, Bonaventure believed that it is possible to logically prove the existence of God and the immortality of the soul. He offers several arguments for the existence of God, including versions of Anselm of Canterbury⁴³⁰'s ontological argument⁴³¹ and Augustine's argument from eternal truths. His main argument for the immortality of the soul appeals to humans' natural desire for perfect happiness, and is reflected in C. S. Lewis⁴³²'s argument from desire⁴³³. Contrary to Aquinas, Bonaventure did not believe that philosophy was an autonomous discipline that could be pursued successfully independently of theology. Any philosopher is bound to fall into serious error, he believed, who lacks the light of faith.^[25]

A master of the memorable phrase, Bonaventure held that philosophy opens the mind to at least three different routes humans can take on their journey to God. Non-intellectual material creatures he conceived as shadows and vestiges (literally, footprints) of God, understood as the ultimate cause of a world that philosophical reason can prove was created at a first moment in time. Intellectual creatures he conceived of as images and likenesses of God, the workings of the human mind and will leading us to God understood as illuminator of knowledge and donor of grace and virtue. The final route to God is the route of being, in which Bonaventure brought Anselm⁴³⁴'s argument together with Aristotelian and

423 https://en.wikipedia.org/wiki/Max_Bernhard_Weinstein

424 <https://en.wikipedia.org/wiki/Pandeism>

425 <https://en.wikipedia.org/wiki/Virtue>

426 <https://en.wikipedia.org/wiki/God>

427 <https://en.wikipedia.org/wiki/Contemplation>

428 <https://en.wikipedia.org/wiki/Love>

429 <https://en.wikipedia.org/wiki/Hope>

430 https://en.wikipedia.org/wiki/Anselm_of_Canterbury

431 https://en.wikipedia.org/wiki/Ontological_argument

432 https://en.wikipedia.org/wiki/C._S._Lewis

433 https://en.wikipedia.org/wiki/Argument_from_desire

434 https://en.wikipedia.org/wiki/Anselm_of_Canterbury

Neoplatonic⁴³⁵ metaphysics⁴³⁶ to view God as the absolutely perfect being whose essence entails its existence, an absolutely simple being that causes all other, composite beings to exist.^[13]

Bonaventure, however, is not only a meditative thinker, whose works may form good manuals of devotion; he is a dogmatic theologian⁴³⁷ of high rank, and on all the disputed questions of scholastic thought, such as universals⁴³⁸, matter, seminal reasons, the principle of individuation, or the intellectus agens⁴³⁹, he gives weighty and well-reasoned decisions. He agrees with Albert the Great⁴⁴⁰ in regarding theology as a practical science; its truths, according to his view, are peculiarly adapted to influence the affections. He discusses very carefully the nature and meaning of the divine attributes; considers universals to be the ideal forms pre-existing in the divine mind according to which things were shaped; holds matter to be pure potentiality that receives individual being and determinateness from the formative power of God, acting according to the ideas; and finally maintains that the agent intellect has no separate existence. On these and on many other points of scholastic philosophy the "Seraphic Doctor" exhibits a combination of subtlety and moderation, which makes his works particularly valuable.^[9]

In form and intent the work of St. Bonaventure is always the work of a theologian; he writes as one for whom the only angle of vision and the proximate criterion of truth is the Christian faith. This fact affects his importance as a philosopher; when coupled with his style, it makes Bonaventure perhaps the least accessible of the major figures of the thirteenth century. This is true because philosophy interests him largely as a *praeparatio evangelica*, as something to be interpreted as a foreshadow of or deviation from what God has revealed.^[26]

1.3 Canonisation

Bonaventure's feast day was included in the General Roman Calendar⁴⁴¹ immediately upon his canonisation in 1482. It was at first celebrated on the second Sunday in July, but was moved in 1568 to 14 July, since 15 July, the anniversary of his death, was at that time taken up with the feast of Saint Henry⁴⁴². It remained on that date, with the rank of "double", until 1960, when it was reclassified as a feast of the third class. In 1969 it was classified as an obligatory memorial⁴⁴³ and assigned to the date of his death, 15 July.^[27]

He is the patron saint of bowel⁴⁴⁴ disorders.^{[28][29]}

435 <https://en.wikipedia.org/wiki/Neoplatonism>

436 <https://en.wikipedia.org/wiki/Metaphysics>

437 https://en.wikipedia.org/wiki/Dogmatic_theology

438 [https://en.wikipedia.org/wiki/Universal_\(metaphysics\)](https://en.wikipedia.org/wiki/Universal_(metaphysics))

439 <https://en.wikipedia.org/wiki/Intellectusagens>

440 https://en.wikipedia.org/wiki/Albertus_Magnus

441 https://en.wikipedia.org/wiki/General_Roman_Calendar

442 https://en.wikipedia.org/wiki/Henry_II,_Holy_Roman_Emperor

443 [https://en.wikipedia.org/wiki/Memorial_\(liturgy\)](https://en.wikipedia.org/wiki/Memorial_(liturgy))

444 https://en.wikipedia.org/wiki/Gastrointestinal_tract#Lower_gastrointestinal_tract

Bonaventure is remembered⁴⁴⁵ in the Church of England⁴⁴⁶ with a commemoration⁴⁴⁷ on 15 July⁴⁴⁸.^[30]

1.4 Places, churches, and schools named in his honour

1.4.1 United States

- Bonaventure Condominiums⁴⁴⁹, condominiums in Palm Harbor, Florida⁴⁵⁰
- St. Bonaventure University⁴⁵¹, a Franciscan university, in Allegany⁴⁵², New York⁴⁵³
- Mission San Buenaventura⁴⁵⁴ and the City of Ventura, California⁴⁵⁵, officially named *San Buenaventura*
- St. Bonaventure High School⁴⁵⁶ in Ventura, California⁴⁵⁷, United States
- St. Bonaventure Catholic Church in Chicago, Illinois
- St. Bonaventure Monastery⁴⁵⁸, a complex of religious buildings, built for the Order of Friars Minor Capuchin⁴⁵⁹, located in Detroit, Michigan. Solanus Casey⁴⁶⁰ served here as the monastery porter⁴⁶¹ from 1924 to 1946, meeting visitors at the friary door. The site is a popular pilgrimage⁴⁶² site for Metro Detroit⁴⁶³ Catholics⁴⁶⁴.
- Bonaventure Hall, in Sacred Heart Parish Catholic School, in Patterson⁴⁶⁵, California⁴⁶⁶, United States⁴⁶⁷
- Bonaventure Residence Hall, in Viterbo University, in La Crosse⁴⁶⁸, Wisconsin⁴⁶⁹, United States⁴⁷⁰
- Buenaventura Boulevard in Redding, California⁴⁷¹
- St. Bonaventure Parish in Huntington Beach, California⁴⁷²

445 [https://en.wikipedia.org/wiki/Calendar_of_saints_\(Church_of_England\)](https://en.wikipedia.org/wiki/Calendar_of_saints_(Church_of_England))

446 https://en.wikipedia.org/wiki/Church_of_England

447 [https://en.wikipedia.org/wiki/Commemoration_\(Anglicanism\)](https://en.wikipedia.org/wiki/Commemoration_(Anglicanism))

448 https://en.wikipedia.org/wiki/July_15

449 https://en.wikipedia.org/w/index.php?title=Bonaventure_Condominiums&action=edit&redlink=1

450 https://en.wikipedia.org/wiki/Palm_Harbor,_Florida

451 https://en.wikipedia.org/wiki/St._Bonaventure_University

452 https://en.wikipedia.org/wiki/Allegany,_New_York

453 [https://en.wikipedia.org/wiki/New_York_\(state\)](https://en.wikipedia.org/wiki/New_York_(state))

454 https://en.wikipedia.org/wiki/Mission_San_Buenaventura

455 https://en.wikipedia.org/wiki/Ventura,_California

456 https://en.wikipedia.org/wiki/St._Bonaventure_High_School

457 https://en.wikipedia.org/wiki/Ventura,_California

458 https://en.wikipedia.org/wiki/St._Bonaventure_Monastery

459 https://en.wikipedia.org/wiki/Order_of_Friars_Minor_Capuchin

460 https://en.wikipedia.org/wiki/Solanus_Casey

461 [https://en.wikipedia.org/wiki/Porter_\(doorkeeper\)](https://en.wikipedia.org/wiki/Porter_(doorkeeper))

462 <https://en.wikipedia.org/wiki/Pilgrimage>

463 https://en.wikipedia.org/wiki/Metro_Detroit

464 <https://en.wikipedia.org/wiki/Catholics>

465 https://en.wikipedia.org/wiki/Patterson,_California

466 <https://en.wikipedia.org/wiki/California>

467 https://en.wikipedia.org/wiki/United_States

468 https://en.wikipedia.org/wiki/La_Crosse

469 <https://en.wikipedia.org/wiki/Wisconsin>

470 https://en.wikipedia.org/wiki/United_States

471 https://en.wikipedia.org/wiki/Redding,_California

472 <https://en.wikipedia.org/wiki/California>

- San Buenaventura de los Tres Arrollos, a lost settlement in the far NE of Custer County, Colorado
- San Buenaventura de Cochiti built in 1628 in [Pueblo de Cochiti, New Mexico] who remains the patron saint for Native American Village who celebrate on 14 July.
- St. Bonaventure - St. Benedict the Moor (combined) parish, Jamaica, New York⁴⁷³
- St. Bonaventure Church⁴⁷⁴, in Paterson, New Jersey⁴⁷⁵.
- San Jose St. Bonaventure Hospital, a fictional hospital that serves as a setting in American TV show The Good Doctor⁴⁷⁶.
- St. Bonaventure Catholic Church⁴⁷⁷, in Davie, Florida⁴⁷⁸
- St. Bonaventure Catholic Church, elementary school, and cemetery, Columbus, Nebraska.
- St. Bonaventure Church, in Allegany, New York
- St. Bonaventure Church, in Glenshaw, Pennsylvania

1.4.2 Canada

- The town of Bonaventure⁴⁷⁹, Quebec⁴⁸⁰, Canada⁴⁸¹
- Bonaventure Highway⁴⁸² in Quebec
- Place Bonaventure⁴⁸³ and the adjacent Bonaventure Metro Station⁴⁸⁴ in Montreal⁴⁸⁵, Quebec
- Bonaventure Island⁴⁸⁶ and the Bonaventure River⁴⁸⁷ in the Gaspé Peninsula⁴⁸⁸ Region of Quebec
- St. Bonaventure's College⁴⁸⁹, a private Roman Catholic school, in Newfoundland and Labrador⁴⁹⁰, Canada
- St Bonaventure Catholic School, at Edwards Gardens⁴⁹¹, Toronto⁴⁹², Ontario⁴⁹³, Canada
- St. Bonaventure School, Calgary, Alberta⁴⁹⁴, Canada
- St. Bonaventure Parish, Calgary, Alberta⁴⁹⁵, Canada

473 <http://stbonaventure-stbenedictthemoor-queens.org/>

474 <http://stbonspaterson.org/>

475 https://en.wikipedia.org/wiki/Paterson,_New_Jersey

476 [https://en.wikipedia.org/wiki/The_Good_Doctor_\(TV_series\)](https://en.wikipedia.org/wiki/The_Good_Doctor_(TV_series))

477 <http://stbonaventurechurch.com/>

478 https://en.wikipedia.org/wiki/Davie,_Florida

479 https://en.wikipedia.org/wiki/Bonaventure,_Quebec

480 <https://en.wikipedia.org/wiki/Quebec>

481 <https://en.wikipedia.org/wiki/Canada>

482 https://en.wikipedia.org/wiki/Quebec_Autoroute_10

483 https://en.wikipedia.org/wiki/Place_Bonaventure

484 [https://en.wikipedia.org/wiki/Bonaventure_\(Montreal_Metro\)](https://en.wikipedia.org/wiki/Bonaventure_(Montreal_Metro))

485 <https://en.wikipedia.org/wiki/Montreal>

486 https://en.wikipedia.org/wiki/Bonaventure_Island

487 https://en.wikipedia.org/wiki/Bonaventure_River

488 https://en.wikipedia.org/wiki/Gasp%C3%A9_Peninsula

489 https://en.wikipedia.org/wiki/St._Bonaventure%27s_College

490 https://en.wikipedia.org/wiki/Newfoundland_and_Labrador

491 https://en.wikipedia.org/wiki/Edwards_Gardens

492 <https://en.wikipedia.org/wiki/Toronto>

493 <https://en.wikipedia.org/wiki/Ontario>

494 <https://en.wikipedia.org/wiki/Calgary>

495 <https://en.wikipedia.org/wiki/Calgary>

- Lake Bonaventure, in the community of Lake Bonavista⁴⁹⁶, Calgary, Alberta⁴⁹⁷, Canada
- St. Bonaventure Parish, Tracadie Cross, in Prince Edward Island⁴⁹⁸, Canada

1.4.3 Philippines

- St. Bonaventure Parish, Mauban, Quezon is the oldest settlement in the Philippines to have been placed under the protection of El Serafico Padre Doctor San Buenaventura in 1647. It is recorded in the writings of Fray Huertas that in 1759 an unknown man wearing the colors of San Buenaventura defended the town from a moro attack. The people of Mauban have since regarded this as a miracle of their Santo Patron. The largest bell in Mauban that was recast in 1843 is named after San Buenaventura and is rung during the Consecration, Angelus and Plegaria.
- St. Bonaventure chapel or Capilla de San Buenaventura in St. John the Baptist Parish, Liliw, Laguna, Philippines, erected in honor of the Seraphic Doctor, San Buenaventura because of the 1664 miracle where tears of blood were seen flowing from the eyes of the venerated image, which was witnessed by the Cura Parroco, Padre Juan Pastor and 120 witnesses; in recognition of this miracle, the first major bell in the church of Lilio was dedicated in honor of San Buenaventura
- Barangay San Buenaventura, a village in San Pablo City, Laguna, Philippines. Three small chapels can be found within the village in honour of Saint Bonaventura
- St. Bonaventure Parish, Balangkeyan Eastern Samar, Philippines
- San Buenaventura, barangay in the Municipality of Buhi, Camarines Sur, Philippines. Has a chapel dedicated to the namesake saint.
- St. Bonaventure Chapel in Barangay San Buenaventura, Luisiana, Laguna.
- St. Bonaventure Chapel in Barangay San Bueno, Sampaloc, Quezon.

1.4.4 United Kingdom

- St Bonaventure's Catholic School⁴⁹⁹, in Forest Gate⁵⁰⁰, London⁵⁰¹, England
- St Bonaventure's Catholic Church, and Primary School in Bishopston, Bristol⁵⁰².
- St Bonaventure's Catholic Church, in Welwyn Garden City⁵⁰³, England

1.4.5 Latin America

- The Municipality of Buenaventura⁵⁰⁴ on the Pacific Coast of Colombia⁵⁰⁵

496 https://en.wikipedia.org/wiki/Lake_Bonavista

497 <https://en.wikipedia.org/wiki/Calgary>

498 https://en.wikipedia.org/wiki/Prince_Edward_Island

499 https://en.wikipedia.org/wiki/St_Bonaventure%27s_Catholic_School

500 https://en.wikipedia.org/wiki/Forest_Gate

501 <https://en.wikipedia.org/wiki/London>

502 https://en.wikipedia.org/wiki/Bishopston,_Bristol

503 https://en.wikipedia.org/wiki/Welwyn_Garden_City

504 https://en.wikipedia.org/wiki/Buenaventura,_Colombia

505 <https://en.wikipedia.org/wiki/Colombia>

- The cities of San Buenaventura⁵⁰⁶ in Chihuahua⁵⁰⁷, San Buenaventura⁵⁰⁸ in Coahuila⁵⁰⁹, and San Buenaventura⁵¹⁰ in the state of Mexico⁵¹¹, all in Mexico⁵¹²

1.4.6 Southern Asia

- St. Bonaventure's Church, a 16th-century Portuguese church is situated on the beach in Erangal⁵¹³ near Mumbai. The annual Erangal Feast held on second Sunday of January, celebrating the Feast day of St. Bonaventure, attracts thousands of people of all faiths to this scenic spot. The Feast day of St. Bonaventure is celebrated on 15 July every year.
- St Bonaventure's High School⁵¹⁴, a school in Hyderabad, Pakistan

1.4.7 Europe

Bonaventura College is a Catholic high school in Leiden⁵¹⁵ in the Netherlands⁵¹⁶.

1.5 Works

- Bonaventure Texts in Translation Series, St. Bonaventure, NY, Franciscan Institute Publications (15 volumes):
 - *On the Reduction of the Arts to Theology*, Translation, Introduction and Commentary by Zachary Hayes, OFM, vol. 1, 1996.
 - *Journey of the Soul into God - Itinerarium Mentis in Deum* translation and Introduction by Zachary Hayes, OFM, and Philotheus Boehner, OFM, vol. 2, 2002. ISBN⁵¹⁷ 978-1-57659-044-7⁵¹⁸
 - *Disputed Questions on the Mystery of the Trinity*, translated by Zachary Hayes, vol. 3, 1979. ISBN⁵¹⁹ 978-1-57659-045-4⁵²⁰.
 - *Disputed Questions on the Knowledge of Christ*, translated by Zachary Hayes, vol. 4, 1992.
 - *Writings Concerning the Franciscan Order*, translated by Dominic V. Monti, OFM, vol. 5, 1994.
 - *Collations on the Ten Commandments*, translated by Paul Spaeth, vol. 6, 1995.
 - *Commentary on Ecclesiastes*, translated by Campion Murray and Robert J. Karris, vol. 7, 2005.

⁵⁰⁶ https://en.wikipedia.org/wiki/San_Buenaventura,_Chihuahua

⁵⁰⁷ [https://en.wikipedia.org/wiki/Chihuahua_\(state\)](https://en.wikipedia.org/wiki/Chihuahua_(state))

⁵⁰⁸ https://en.wikipedia.org/wiki/San_Buenaventura,_Coahuila

⁵⁰⁹ <https://en.wikipedia.org/wiki/Coahuila>

⁵¹⁰ https://en.wikipedia.org/wiki/San_Buenaventura,_State_of_Mexico

⁵¹¹ https://en.wikipedia.org/wiki/State_of_Mexico

⁵¹² <https://en.wikipedia.org/wiki/Mexico>

⁵¹³ https://en.wikipedia.org/wiki/Madh_Island

⁵¹⁴ https://en.wikipedia.org/wiki/St_Bonaventure%27s_High_School

⁵¹⁵ <https://en.wikipedia.org/wiki/Leiden>

⁵¹⁶ <https://en.wikipedia.org/wiki/Netherlands>

⁵¹⁷ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵¹⁸ <https://en.wikipedia.org/wiki/Special:BookSources/978-1-57659-044-7>

⁵¹⁹ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵²⁰ <https://en.wikipedia.org/wiki/Special:BookSources/978-1-57659-045-4>

- *Commentary on the Gospel of Luke*, translated by Robert J. Karris (3 vols), vol. 8, 2001–4.
- *Breviloquium*, translated by Dominic V. Monti, OFM, vol. 9, 2005.
- *Writings on the Spiritual Life*, [includes translations of *The Threefold Way*, *On the Perfection of Life*, *On Governing the Soul*, and *The Soliloquium: A Dialogue on the Four Spiritual Exercises*, the prologue to the *Commentary on Book II of the Sentences of Peter Lombard* and three short sermons: *On the Way of Life*, *On Holy Saturday*, and *On the Monday after Palm Sunday*, vol. 10, 2006.]
- *Commentary on the Gospel of John*, translated by Robert J. Karris, vol. 11, 2007.
- *The Sunday sermons of St. Bonaventure*, edited and translated by Timothy J. Johnson, vol. 12, 2008.
- *Disputed questions on evangelical perfection*, edited and translated by Thomas Reist and Robert J. Karris, vol. 13, 2008.
- *Collations on the seven gifts of the Holy Spirit*, introduced and translated by Zachary Hayes, vol. 14, 2008.
- *Defense of the mendicants*, translated by Jose de Vinck and Robert J. Karris, vol. 15, 2010.
- *The Life of Christ*⁵²¹ translated and edited by William Henry Hutchings, 1881.
- *The Journey of the Mind into God (Itinerarium mentis in Deum)*, Indianapolis: Hackett, 1993. ISBN⁵²² 978-0-8722-0200-9⁵²³
- *On the Reduction of the Arts to Theology (De Reductione Artium ad Theologiam)*, translated by Zachary Hayes, (Saint Bonaventure, NY: Franciscan Institute, 1996. ISBN⁵²⁴ 978-1-57659-043-0⁵²⁵
- *Bringing forth Christ: five feasts of the child Jesus*, translated by Eric Doyle, Oxford: SLG Press, 1984.
- *The soul's journey into God; The tree of life; The life of St. Francis*⁵²⁶. EWERT COUSINS, TRANSLATOR (THE CLASSICS OF WESTERN SPIRITUALITY ED.). MAHWAH, NEW JERSEY: PAULIST PRESS. 1978. ISBN⁵²⁷ 0-8091-2121-2⁵²⁸.⁵²⁹ CS1 maint: others (link⁵³⁰)
- *The Mystical Vine: a Treatise on the Passion of Our Lord*, translated by a friar of SSF, London: Mowbray, 1955.
- *Life of St Francis of Assisi*, TAN Books⁵³¹, 2010. ISBN⁵³² 978-0-89555-151-1⁵³³
- *The Road to Union*, written by Thomas J Herbst, Frati Editoridi Quaracchi, 2005
- *Pocket Bonaventure*, written by Thomas J Herbst, Franciscan friar, Tau Publishing, 2020

521 <http://catalog.hathitrust.org/Record/009034055>

522 [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

523 <https://en.wikipedia.org/wiki/Special:BookSources/978-0-8722-0200-9>

524 [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

525 <https://en.wikipedia.org/wiki/Special:BookSources/978-1-57659-043-0>

526 <https://archive.org/details/soulsjourneyinto00bona>

527 [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

528 <https://en.wikipedia.org/wiki/Special:BookSources/0-8091-2121-2>

529 https://en.wikipedia.org/wiki/Template:Cite_book

530 https://en.wikipedia.org/wiki/Category:CS1_maint:_others

531 https://en.wikipedia.org/wiki/TAN_Books

532 [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

533 <https://en.wikipedia.org/wiki/Special:BookSources/978-0-89555-151-1>

1.6 References

1. Bonaventure on the Neoplatonic Hierarchy of Virtues⁵³⁴
2. Bonaventure (c.1217–74)⁵³⁵
3. "ANSELM OF CANTERBURY (1033–1109)"⁵³⁶, *Internet Encyclopedia of Philosophy*⁵³⁷, 2006, RETRIEVED 10 NOVEMBER 2017
4. "ST. BONAVENTURA (GIOVANNI) CARDINAL [CATHOLIC-HIERARCHY]"⁵³⁸.
5. M. WALSH, ED. (1991). *Butler's Lives of the Saints*⁵³⁹. NEW YORK: HARPER-COLLINS. P. 216⁵⁴⁰. ISBN⁵⁴¹ 9780060692995⁵⁴².
6. Robinson, Paschal (1907). "St. Bonaventure"⁵⁴³. In *Catholic Encyclopedia*. **2**. New York: Robert Appleton Company.
7. HAMMOND, JAY M. (2003). "BONAVENTURE, ST.". IN MARTHALER, BERNARD L. (ED.). *New Catholic Encyclopedia*⁵⁴⁴. VOL. 2 (2ND. ED.). DETROIT: THOMSON/GALE IN ASSOCIATION WITH THE CATHOLIC UNIVERSITY OF AMERICA⁵⁴⁵. P. 479. ISBN⁵⁴⁶ 0-7876-4006-9⁵⁴⁷.
8. BONAVENTURE (1904). *The Life of Saint Francis*⁵⁴⁸. LONDON: J. M. DENT AND CO. P. PROL. 3.
9. Adamson, Robert (1911). "Bonaventura, Saint"⁵⁴⁹. In Chisholm, Hugh (ed.). *Encyclopædia Britannica*. **4**. (11th ed.). Cambridge University Press. pp. 197-198.
10. KNOWLES, DAVID (1988). *The Evolution of Medieval Thought*⁵⁵⁰ (2ND ED.). EDINBURGH GATE: LONGMAN GROUP. ISBN⁵⁵¹ 978-0-394-70246-9⁵⁵².
11. FRYDE, E. B.; GREENWAY, D. E.; PORTER, S.; ROY, I. (1996). *Handbook of British Chronology* (3rd ed.). Cambridge: Cambridge University Press. p. 282. ISBN⁵⁵³ 0-521-56350-X⁵⁵⁴.
12. WITZEL, THEOPHILUS (1912). "ROGER BACON"⁵⁵⁵. *The Catholic Encyclopedia*. Vol. 13. New York: Robert Appleton Company. Retrieved 12 February 2014.
13. Noone, Tim and Houser, R. E., "Saint Bonaventure", *The Stanford Encyclopedia of Philosophy* (Winter 2010 Edition), Edward N. Zalta (ed.)⁵⁵⁶

⁵³⁴ <https://www.wilmingtonfav.com/medieval-philosophy-2/bonaventure-on-the-neoplatonic-hierarchy-of-virtues.html>

⁵³⁵ <https://www.rep.routledge.com/articles/biographical/bonaventure-c-1217-74/v-1>

⁵³⁶ <http://www.iep.utm.edu/anselm/>

⁵³⁷ https://en.wikipedia.org/wiki/Internet_Encyclopedia_of_Philosophy

⁵³⁸ <http://www.catholic-hierarchy.org/bishop/bbnvnt.html>

⁵³⁹ <https://archive.org/details/butlerslivesofsa00butl>

⁵⁴⁰ <https://archive.org/details/butlerslivesofsa00butl/page/216>

⁵⁴¹ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁴² <https://en.wikipedia.org/wiki/Special:BookSources/9780060692995>

⁵⁴³ [https://en.wikisource.org/wiki/Catholic_Encyclopedia_\(1913\)/St._Bonaventure](https://en.wikisource.org/wiki/Catholic_Encyclopedia_(1913)/St._Bonaventure)

⁵⁴⁴ https://en.wikipedia.org/wiki/New_Catholic_Encyclopedia

⁵⁴⁵ https://en.wikipedia.org/wiki/Catholic_University_of_America

⁵⁴⁶ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁴⁷ <https://en.wikipedia.org/wiki/Special:BookSources/0-7876-4006-9>

⁵⁴⁸ <https://archive.org/details/lifesaintfranci02bonagoog>

⁵⁴⁹ https://en.wikisource.org/wiki/1911_Encyclop%C3%A6dia_Britannica/Bonaventura,_Saint

⁵⁵⁰ https://archive.org/details/isbn_0394702468

⁵⁵¹ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁵² <https://en.wikipedia.org/wiki/Special:BookSources/978-0-394-70246-9>

⁵⁵³ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁵⁴ <https://en.wikipedia.org/wiki/Special:BookSources/0-521-56350-X>

⁵⁵⁵ <http://www.newadvent.org/cathen/13111b.htm>

⁵⁵⁶ <http://plato.stanford.edu/archives/win2010/entries/bonaventure>

14. COSTELLOE, LAURENCE. "SAINT BONAVENTURE"⁵⁵⁷. *Project Gutenberg*. Project Gutenberg. Retrieved 15 July 2021.
15. LAURENCE COSTELLOE (1911). *Saint Bonaventure: The Seraphic Doctor, Minister-general of the Franciscan Order, Cardinal Bishop of Albano*⁵⁵⁸. LONGMANS, GREEN & COMPANY. P. 54⁵⁵⁹.
16. ROBINSON, PASCHAL (1907). "ST. BONAVENTURE"⁵⁶⁰. *The Catholic Encyclopedia*. Vol. 2. New York: Robert Appleton Company. Retrieved 5 January 2013.
17. HATTRUP, DIETER (1993). *Ekstatik der Geschichte. Die Entwicklung der christologischen Erkenntnistheorie Bonaventuras* (in German). Paderborn: Schöningh. ISBN⁵⁶¹ 3-506-76273-7⁵⁶².
18. SCHLOSSER, MARIANNE (2013). "BONAVENTURE: LIFE AND WORKS". IN HAMMOND, JAY M.; HELLMANN, J. A. WAYNE; GOFF, JARED (EDS.). *A Companion to Bonaventure*. Brill's Companions to the Christian Tradition. Boston: Brill. p. 12. n.7. ISBN⁵⁶³ 978-90-04-26072-6⁵⁶⁴. *This treatise has always been recognized as indubitably authentic. A few years ago, Dieter Hatstrup voiced his doubts: 'Bonaventura zwischen Mystik und Mystifikation. Wer ist der Autor von De reductione?' Theologie und Glaube 87 (1997): 541–562. However, the recent research of Joshua Benson indicates the text's authenticity: 'Identifying the Literary Genre of the De reductione artium ad theologiam: Bonaventure's Inaugural Lecture at Paris', Franciscan Studies 67 (2009): 149–178.*
19. BENSON, JOSHUA C. (2009). "IDENTIFYING THE LITERARY GENRE OF THE "DE REDUCTIONE ARTIUM AD THEOLOGIAM": BONAVENTURE'S INAUGURAL LECTURE AT PARIS". *Franciscan Studies*. Franciscan Institute Publications. **67**: 149–178. doi⁵⁶⁵:10.1353/frc.0.0031⁵⁶⁶. JSTOR⁵⁶⁷ i40092600⁵⁶⁸. S2CID⁵⁶⁹ 191451067⁵⁷⁰.
20. HINDSLEY, LEONARD P. (MARCH 1990). "REVIEWED WORK: DE SEPTEM ITINERABUS AETERNITATIS. MYSTIK IN GESCHICHTE UND GEGENWART, ABTEILUNG I, CHRISTLICHE MYSTIK BAND 1 & 2 BY RUDOLF VON BIBERACH, EDITED AND TRANSLATED BY MARGOT SCHMIDT". *Mystics Quarterly*. Penn State University Press. **16** (1): 48–50. JSTOR⁵⁷¹ 20716971⁵⁷².
21. Ratzinger, J. (1971) *Theology of History in St. Bonaventure*, trans. Zachary Hayes, Chicago: Franciscan Herald Press

⁵⁵⁷ <https://www.gutenberg.org/files/33448/33448-h/33448-h.htm>

⁵⁵⁸ <https://archive.org/details/saintbonaventur00costgoog>

⁵⁵⁹ <https://archive.org/details/saintbonaventur00costgoog/page/n76>

⁵⁶⁰ <http://www.newadvent.org/cathen/02648c.htm>

⁵⁶¹ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁶² <https://en.wikipedia.org/wiki/Special:BookSources/3-506-76273-7>

⁵⁶³ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

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⁵⁶⁵ [https://en.wikipedia.org/wiki/Doi_\(identifier\)](https://en.wikipedia.org/wiki/Doi_(identifier))

⁵⁶⁶ <https://doi.org/10.1353%2Ffrc.0.0031>

⁵⁶⁷ [https://en.wikipedia.org/wiki/JSTOR_\(identifier\)](https://en.wikipedia.org/wiki/JSTOR_(identifier))

⁵⁶⁸ <http://www.jstor.org/stable/i40092600>

⁵⁶⁹ [https://en.wikipedia.org/wiki/S2CID_\(identifier\)](https://en.wikipedia.org/wiki/S2CID_(identifier))

⁵⁷⁰ <https://api.semanticscholar.org/CorpusID:191451067>

⁵⁷¹ [https://en.wikipedia.org/wiki/JSTOR_\(identifier\)](https://en.wikipedia.org/wiki/JSTOR_(identifier))

⁵⁷² <http://www.jstor.org/stable/20716971>

22. WHITE, J. (2011). "ST. BONAVENTURE AND THE PROBLEM OF DOCTRINAL DEVELOPMENT"⁵⁷³. *American Catholic Philosophical Quarterly*. **85** (1): 177–202. doi⁵⁷⁴:10.5840/acpq201185110⁵⁷⁵.
23. "BROTHER JOHN RAYMOND, "THE THEORY OF ILLUMINATION IN ST. BONAVENTURE"⁵⁷⁶. ARCHIVED FROM THE ORIGINAL⁵⁷⁷ ON 24 FEBRUARY 2015. RETRIEVED 4 JANUARY 2013.
24. Max Bernhard Weinsten, *Welt- und Lebensanschauungen, Hervorgegangen aus Religion, Philosophie und Naturerkenntnis* (*World and Life Views, Emerging from Religion, Philosophy and Perception of Nature*) (1910), page 303: "Andere Ganz- oder Halbmystiker, wie den Alanus (gegen 1200), seinerzeit ein großes Kirchenlicht und für die unseligen Waldenser von verhängnisvoller Bedeutung, den Bonaventura (1221 im Kirchenstaate geboren), der eine Reise des Geistes zu Gott geschrieben hat und stark pandeistische Neigungen zeigt, den Franzosen Johann Gersan (zu Gersan bei Rheims 1363 geboren) usf., übergehen wir, es kommt Neues nicht zum Vorschein."
25. Frederick Copleston, S.J., *A History of Philosophy*, vol. 2 (Westminster, MD: Newman Press, 1950), p. 248.
26. McInerny, Ralph, *A History of Western Philosophy*, Vol.II, Chapter 5, "St. Bonaventure: the Man and His Work", Jacques Maritain Center, Notre Dame University⁵⁷⁸
27. *Calendarium Romanum*. Libreria Editrice Vaticana. 1969. pp. 97, 130.
28. ONLINE, CATHOLIC. "PATRON SAINTS A-Z - SAINTS & ANGELS"⁵⁷⁹. *Catholic Online*. Retrieved 12 November 2019.
29. CRAUGHWELL, T.J. (2016). *Heaven Help Us: 300 Patron Saints to Call Upon for Every Occasion*⁵⁸⁰. BOOK SALES. P. 72. ISBN⁵⁸¹ 978-0-7858-3465-6⁵⁸². RETRIEVED 12 NOVEMBER 2019.
30. "THE CALENDAR"⁵⁸³. *The Church of England*. Retrieved 27 March 2021.

1.7 Further reading

- HAMMOND, JAY M. (2003). "BONAVENTURE, ST.". IN MARTHALER, BERNARD L. (ED.). *New Catholic Encyclopedia*⁵⁸⁴. VOL. 2 (2ND. ED.). DETROIT: THOMSON/GALE IN ASSOCIATION WITH THE CATHOLIC UNIVERSITY OF AMERICA⁵⁸⁵. PP. 479–493. ISBN⁵⁸⁶ 0-7876-4006-9⁵⁸⁷.

⁵⁷³ <https://www.academia.edu/2150520>

⁵⁷⁴ [https://en.wikipedia.org/wiki/Doi_\(identifier\)](https://en.wikipedia.org/wiki/Doi_(identifier))

⁵⁷⁵ <https://doi.org/10.5840%2Facpq201185110>

⁵⁷⁶ <https://web.archive.org/web/20150224134712/http://www.franciscan-sfo.org/bonavent.htm>

⁵⁷⁷ <http://www.franciscan-sfo.org/bonavent.htm>

⁵⁷⁸ <http://maritain.nd.edu/jmc/etext/hwp219.htm>

⁵⁷⁹ <https://www.catholic.org/saints/patron.php>

⁵⁸⁰ <https://books.google.com/books?id=dyS-DQAAQBAJ&pg=PA72>

⁵⁸¹ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁸² <https://en.wikipedia.org/wiki/Special:BookSources/978-0-7858-3465-6>

⁵⁸³ <https://www.churchofengland.org/prayer-and-worship/worship-texts-and-resources/common-worship/churchs-year/calendar>

⁵⁸⁴ https://en.wikipedia.org/wiki/New_Catholic_Encyclopedia

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⁵⁸⁶ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁸⁷ <https://en.wikipedia.org/wiki/Special:BookSources/0-7876-4006-9>

- HAMMOND, JAY M.; HELLMANN, J.A. WAYNE; GOFF, JARED, EDS. (2013). *A Companion to Bonaventure*. Brill's Companions to the Christian Tradition. Boston: Brill. ISBN⁵⁸⁸ 978-90-04-26072-6⁵⁸⁹.
- LaNave, Gregory F. "Bonaventure", in Paul L. Gavrilyuk and Sarah Coakley⁵⁹⁰ (eds.), *The Spiritual Senses: Perceiving God in Western Christianity*, Cambridge: Cambridge, University of Cambridge, 2011, 159–173.
- Quinn, John Francis. *The Historical Constitution of St. Bonaventure's Philosophy*, Toronto: Pontifical Institute of Mediaeval Studies, 1973.
- Tavard, George Henry⁵⁹¹. *From Bonaventure to the Reformers*, Milwaukee: Marquette University Press, 2005 (Marquette Studies in Theology). ISBN⁵⁹² 0-87462-695-1⁵⁹³ ISBN⁵⁹⁴ 9780874626957⁵⁹⁵.
- Tim Noone and R. E. Houser, "Saint Bonaventure." *Stanford Encyclopedia of Philosophy* .⁵⁹⁶
- D. J. Dales, 'Divine Remaking: St Bonaventure & the Gospel of Luke, James Clarke & Co., Cambridge, 2017.
- D. J. Dales, 'Way back to God: the Spiritual Theology of St Bonaventure, James Clarke & Co., Cambridge, 2019.

1.8 External links

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⁵⁹⁴ [https://en.wikipedia.org/wiki/ISBN_\(identifier\)](https://en.wikipedia.org/wiki/ISBN_(identifier))

⁵⁹⁵ <https://en.wikipedia.org/wiki/Special:BookSources/9780874626957>

⁵⁹⁶ <https://plato.stanford.edu/entries/bonaventure/>

⁵⁹⁷ <https://en.wikipedia.org/wiki/Wikisource>

⁵⁹⁸ [https://en.wikisource.org/wiki/Catholic_Encyclopedia_\(1913\)/St._Bonaventure](https://en.wikisource.org/wiki/Catholic_Encyclopedia_(1913)/St._Bonaventure)

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⁶⁰¹ <https://en.wikisource.org/wiki/la:Scriptor:Bonaventura>

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- MS 2/3 Meditationes super Genesim; Novella materia super septem peccatis capitalibus at OPenn⁶⁰³
- NOONE, TIM; HOUSER, R. E. "SAINT BONAVENTURE"⁶⁰⁴. IN ZALTA, EDWARD N.⁶⁰⁵ (ED.). *Stanford Encyclopedia of Philosophy*⁶⁰⁶.
- *St Bonaventure*⁶⁰⁷ from the Franciscan Archive.
- S Bonaventura: Opera Omnia Peltiero Edente⁶⁰⁸ (Latin original texts).
- Colonnade Statue St Peter's Square⁶⁰⁹
- Works by Bonaventure⁶¹⁰ at LibriVox⁶¹¹ (public domain audiobooks)

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Bishops and Archbishops of York

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⁶⁰⁴ <https://plato.stanford.edu/entries/bonaventure/>

⁶⁰⁵ https://en.wikipedia.org/wiki/Edward_N._Zalta

⁶⁰⁶ https://en.wikipedia.org/wiki/Stanford_Encyclopedia_of_Philosophy

⁶⁰⁷ <http://www.franciscan-archive.org/bonaventura/index.html>

⁶⁰⁸ http://www.documentacatholicaomnia.eu/20_50_1221-1274-_Bonaventura_Bagnoregis,_Sanctus.html

⁶⁰⁹ <http://www.stpetersbasilica.info/Exterior/Colonnades/Saints/St%20Bonaventure-71/StBonaventure.htm>

⁶¹⁰ <https://librivox.org/author/12314>

⁶¹¹ <https://en.wikipedia.org/wiki/LibriVox>

⁶¹³ https://en.wikipedia.org/wiki/John_of_Parma

⁶¹⁴ https://en.wikipedia.org/wiki/Minister_General_of_the_Order_of_Friars_Minor

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