

Class	Black pigment	Gum Arabic	Egg white / glayre	Egg yolk	Size, parchm ent glue	Reference which includes a binding medium
Soot	Beeswax candle	xxx				(1) late 15th/early 16th c. MS Harley 2252, London BL, In: Clarke (2016): p. 83 [§50] (gum) (2) 15th c. MS Sloane 122, London BL, In: Clarke (2016): p.113 [§B6] (gum) (3) before 1471, MS Dd.v.76, Cambr., University Library, In: Clarke (2016): p.217 [§4] (gum)
Soot	Lamp black	x				(1) 1672 Salmon. <i>Polygraphice</i> : p. 130 [IV}
Soot	Animal fat / tallow					-
Soot	Wood: cauldron	x				(1) 1463 <i>Cod. Germ. 1</i> . Hamburg, Staats-und Universitätsbibl.: fol. 73r. also in Heiles 2018
Soot	Wood: bistre	x				(1) 1400-1412 <i>Strasbourg Manuscript</i> . in: Neven 2016: p. 115
Soot	Wood: conifers, lamp black	xxxxx			x	(1) 1573 <i>A very proper treatise wherein is breefely set forth the art of limming</i> : fol. 6v, 7r (2) 1606 Peacham. <i>The art of drawing with the pen and limming in water colours</i> : p. 60 (3) 1600-1650 <i>Schone consten en secreten</i> , Rome, Vatican Library, MS 7279. fol. 23v-25v (4) 1640-1660 van Veen. <i>De Wetenschap en Manieren</i> , Den Haag, KB, MS 135 K 44.: n.p. (5) 1670 Goeree. <i>Verlichterie-kunde</i> , 2nd ed.: 28 (gum, glue)
Soot	Wood: birch bark	x				(1) 1463 <i>Cod. Germ. 1</i> . Hamburg, Staats-und Universitätsbibl.: fol. 73r. also in Heiles 2018
Soot	Resin: frankincense	xx		x		(1) 1450/1500 <i>Liber illum.</i> p. 92-95, p. 266-267 (gum & yolk) (2) 1451-1500 <i>Farbenrezepte</i> , Nuernberg, GNM, Hs 181503: fol.1r. (gum)
Soot	Resin: conifers				x	(1) 1431 Le Bègue, (Eraclius). Paris, BnF, MS Latin 6741. in Merrifield: p. 248 (Size)
Soot	Resin candle	xx				(1) 1450 MS R486.M43, New Haven, Yale, In: Clarke (2016): p.90 [§24] (gum) (2) 15th c. MS Rawlinson C.506, Oxford Bodleian L., In: Clarke (2016): p.168 [§32] (gum)
Soot	Resin: pix burgundica					-
Soot	Resin: pitch & tar					-
Soot	Resin: colophony, greek pitch					-
Soot	Resin: torch	xxxxx xxxx	xxx			(1) 1300/1400-1430 <i>Liber divers. arc.</i> Montpellier. Bibl. interuniv., MS H 277. In: Clarke (2011): 106 [§1.6.2] (gum) (2) 15th c. MS Dd.vi.29, Cambr.Univ.Lib., In: Clarke (2016): p. 72 [§20] (gum, glayre) (3) 15th c. MS B.15, Cambr., St. John's College In: Clarke (2016): p. 216 [§26] (gum, glayre) (4) 15th/16thc. MS Harley 2252, London BL, In: Clarke (2016): p. 79 [§30] (gum, glayre) (5) 16th c., MS e Musaeo 52, Oxford, Bodleian Library, In: Clarke (2016): p.188 [§37] (gum) (6) 1573 <i>A very proper treatise</i> : p. 6v, 7r (gum, glayre) (7) 1606 Peacham. <i>The art of drawing with the pen, and limming in water colours.</i> (gum) (8) 1634 Peacham. <i>The Gentlemans Exercise</i> : p. 72 (gum) (9) 1634 Bate. <i>The Mysteryes of Nature and Art</i> : p. 126 (gum) (10) 1661 Peacham. <i>The compleat Gentleman</i> : p. 368 (gum)
Chars	Wood: charcoal		x	x	x	(1) 1431 Le Bègue. Paris, BnF, MS Latin 6741. in Merrifield: p. 248 (size) (2) 1431 Le Bègue. Paris, BnF, MS Latin 6741. in Merrifield: p. 138 (egg)
Chars	Wood: willow, sallow	xx				(1) 1300 / 1400-1430 <i>Liber diversarum arcium</i> . Montpellier. Bibl. interuniv., MS H 277. In: Clarke (2011): p. 105 [§1.5.1] (gum) (2) 1602-03 Hilliard. <i>A treatise conc. the arte of limning</i> , In: Thornton & Cain (1992): p. 90-93
Chars	Wood: lindentree					-
Chars	Wood: charcoal crayons					-
Chars	Pits: peach	xx			x	(1) 1431 Le Bègue, (Eraclius). Paris, BnF, MS Latin 6741. in Merrifield: p. 248 (size) (2) 1602-03 Hilliard. <i>A treatise</i> , In: Thornton & Cain (1992): p. 90-93 (gum) (3) 1640-60 van Veen. <i>Wetenschap en Manieren</i> . MS 135 K 44, Den Haag KB: o.p. (gum)
Chars	Pits: cherry	x				(1) 1602-03 Hilliard. <i>A treatise conc. the arte of limning</i> , In: Thornton & Cain (1992): p.90-93
Chars	Pits: apricot					-
Chars	Pits: date	x				(1) 1602-03 Hilliard. <i>A treatise conc. the arte of limning</i> , In: Thornton & Cain (1992): p.90-93
Chars	Shells: almond					-
Chars	Bone	xx			x	(1) 1634 Cooper d.J., in De Mayerne. <i>Pictoria, sculptoria et quae subalternarum atrium</i> , London BL, Sloane MS 2052, fol. 79v, also in: Berger p. 246, 247 (size) (2) 1670 Goeree. <i>Verlichterie-kunde</i> , 2nd ed.: 28 (gum) (3) 1692 Boogert. <i>Klaerlightende Spiegel der Verfkunst</i> : 81ff (gum)
Chars	Hartshorn	xx	x			(1) 1573 <i>A very proper treatise</i> , p.7v (gum or glayre) (2) 1634 Bate. <i>The Mysteryes of Nature and Art</i> : p. 122, 126 (gum)
Chars	Ivory	x				(1) 1602-03 Hilliard. <i>A treatise conc. the arte of limning</i> , In: Thornton & Cain (1992): p.90-93

Tab. 2 Binding media included in historical recipes for black pigments
in: Reissland (2021): "Forto Make a Fine Blacke to Lymne With" Black Color Technologies for (Burgundian) Illuminators

Class	Black pigment	Gum Arabic	Egg white / glayre	Egg yolk	Size, parchm ent glue	Reference which includes a binding medium
Burnt	Vine twigs	xx				(1) 1640-60 van Veen. <i>De Wetenschap en Manieren</i> . MS 135 K 44, Den Haag KB.: o.p. (2) 1670 Goeree. <i>Verlichterie-kunde</i> , 2nd ed.: p. 29
Burnt	Vine lees					-
Burnt	Paper	x			x	(1) 1549 Boltz von Ruffach. <i>Illuminierbuch</i> : fol.112, 113 (temperierwasser No. 3: gum A + gum cera + honey + rose water) (2) 1585 Paduan Manuscript. Padua, University Libr., MS 992. In: Merrifield. Vol.2 (1849): p.704 [124] (parchment glue)
Burnt	White bread	xx				(1) 1640-60 van Veen. <i>Wetenschap</i> , MS 135 K 44, Den Haag KB: o.p. (gum+salt+wine) (2) 1692 Boogert. <i>Klaerlichtende Spiegel der Verfkunst</i> : 81ff (gum)
Coal	Luyker zwart	xx				(1) 1600-50 <i>Schone consten en secreten</i> , Rome, Vatican Libr., MS 7279: fol. 23v-25v (gum) (2) 1640-60 van Veen. <i>Wetenschap en Manieren</i> . MS 135 K 44, Den Haag KB: o.p. (gum)
Coal	Coal	x				(1) 15thc. MS Rawlinson C.506, Oxford Bodleian Library, In: Clarke (2016): p. 168 [§33] (smith coal, gum)
Earth	Black earth					-
Minerals	Black chalk					-
Minerals	Black lead, graphite	xx				(1) 1573 <i>A very proper treatise wherein is breiefely set forth the art of limming</i> : fol. 6r (gum) (2) 1634 Bate. <i>The Mysteryes of Nature and Art</i> : p. 122, 126 (gum)
Minerals	Antimony black, Sb ₂ S ₃					-
Minerals	Pyrolusite, MnO ₂					-
Metal related	Bronze-cast black					-
Metal related	Black copper vitreous paint	x				(1) 1549 Boltz von Ruffach. <i>Illuminierbuch</i> : p. 96-97
Ink	Iron-tannine ink	xx				(1) 15thc. MS Rawlinson C.506, Oxford Bodleian L., In: Clarke (2016): p.168 [§31] (gum) (2) 16thc. MS HU 1051, San Marino, Huntington Libr., In: Clarke (2016): p.316 [§17] (gum)
Ink	East-indian ink					-
Mummy		xx				(1) 1549 Boltz von Ruffach. <i>Illuminierbuch</i> : p. 97 (2) 1600 Baten. <i>Secreet boeck</i> (Dordrecht): p. 318-319

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