

	List of Illustrations and Tables	ix
	Note on Currencies and Other Abbreviations	xiii
	Acknowledgments	xvii
	Introduction	1
Chapter 1	Reinventing the Recipe	8
Chapter 2	The Challenge of Wedgwood and the Rise of the Private Firm	60
Chapter 3	Making, Marketing, and Consuming in the "Golden Age"	106
Chapter 4	Surviving the Revolutions	154
Chapter 5	The Discrete Charms of Biedermeier Porcelain	194
Chapter 6	Of Capitalism and Cartels: The Glory Days of the Private Producer, 1848-1914	240
Chapter 7	Porcelain, the Wilhelmine Plastic	291

viii · Contents

Chapter 8	The Fragility of Interwar Porcelain	330
Chapter 9	From Cold War Wonder to Contemporary White Elephant: Does the Story End Here?	377
	Notes	415
	Bibliography	467
	Image Credits	487
	Index	491



There is something magical, collectors and holiday hosts agree, about porcelain. It is the finest, whitest, and most difficult to make form of ceramics, and it enraptured Chinese emperors long before the first pieces made their way to Europe in the fourteenth century. For four centuries, European royals and rich merchants cherished their imported porcelains, and entrepreneurial craftsmen mixed endless concoctions in the hopes of cutting in on this lucrative luxury trade. When a desperate Saxon alchemist finally hit upon an approximation of the Chinese recipe, his vessels were dubbed "white gold": and in the small Saxon town of Meissen, in the heart of Europe, an industry, and obsession, was born.

The book tells the story of Europe's reinvention of porcelain and concludes with the state of the fine ceramics industry today. It is a rich and complicated adventure, in which we not only visit lavishly decorated palaces but also linger in blisteringly hot craft workshops and spartan working-class homes. Though actual porcelain objects in all their splendor and strangeness play a central role, the focus is really on the people who made, marketed, and purchased them, whether they were princes, or peddlers, or middle-class housewives. While originally its uses were purely ornamental and decorative, over time, porcelain became a kind of "plastic," one that could be molded to please any palate or pocketbook. A number of large-scale manufactories—some state sponsored, many not—offered busts of Frederick the Great and Napoleon, as well as Zeus and figures from the commedia dell'arte, classicizing toast racks, and "orientalizing" inkwells. Centuries later, under the Nazi regime,

2 · Introduction

one whole factory devoted itself to SS paraphernalia. Porcelains were made to imitate Parian marble, lapis lazuli, or, as in the case of the many dolls' heads made from the mixture, human flesh. And then there were the less visible uses of porcelain: in telegraph insulator tubes, in doorknobs and floor tiles, in false teeth. Across three centuries, from the eighteenth to the twentieth, in its central European birthplace *porcelain* has been a word to conjure with, and an everyday part of life. This, then, is the story of the rich and complicated lives people and porcelain have shared—down to the present moment, when the European chapter of this tale, at least, seems to be drawing to a close.

When I began this inquiry, I conceived of it as a part of my work on the modern afterlives of classical antiquity and the biblical Orient. My eye was caught by the spectacular confections that fill German (and non-German) decorative arts museums and so many exquisitely illustrated and researched exhibition catalogs. I owe most of what I know about porcelain as an art form to these sources. In those pages I discovered a world of vast diversity of styles, of objects, of uses—and began to be intrigued by the business history side of the story: who were these manufacturers, and who bought all this stuff, from squirrel-shaped teapots to semipornographic porcelain pipes? How were Rembrandt's masterpieces reproduced on tiny teacups, and just how did Meissen—originally founded by King Augustus II—survive and even flourish during the era of East German communist rule? Intrigued, I pursued my interests by delving into manufactory histories and then archival documents, and as I turned this material on my historian's wheel, I increasingly found that I had a wonderful means to tell a story about people, about states and markets, and about the changing nature of work and consumption over the last three centuries. This was, perhaps most importantly, the story of the struggle between a long-surviving mercantile economy and the arrival of new forms of capitalist production and management, and the story of the transformation of an aristocratic obsession into a bourgeois necessity—and finally into an unloved white elephant. Much more than describing the imagery and artistry of porcelains, I discovered I wanted to tell these wider stories, stories that offer us a fresh way not only to grasp porcelain's unique and

Introduction • 3

fascinating trajectory, but also to narrate German and central European history as a whole.

In keeping with this attempt to fuse porcelain's story together with the history of central Europeans since about 1700, this book does not pretend to be a commodity history of the sort that has taught us so much about the trades in coffee, tea, salt, sugar, and other transnational substances. Here, porcelain is featured, but firmly rooted in the wider context of economic and cultural developments, and treated as part of a network of other commodities, both those that competed with it (such as fine-grade earthenware, or faience, and much cheaper stoneware) and those that enabled its spread (such as coffee, tea, and etageres for its display).² By no means is this a truly transnational study, like the wonderful, related works of Robert Finlay, whose *The* Pilgrim Art tells the story of the earlier East Asian and Near Eastern traffic in porcelains, and of Erika Rappaport, whose work describes the British Empire's commandeering of the tea trade.³ I do, however, emphasize the reality that central European developments were very much shaped by consumption and production patterns elsewhere, including those in China, England, France, the Ottoman Empire, and the United States. Similarly, though informed and inspired by the now-extensive literature on material culture and consumption, most of which focuses on Britain, France, and the United States, I am not deeply concerned with porcelain as a "thing" or with theories of materiality.4 My method is rather guided by Daniel Roche's insistence that historians ought to pay more attention to "the real world of objects without high aesthetic value," and by Leora Auslander's advice that the best writing about material culture is that which "seeks to grasp how the large-scale transformations of the world are crystallized, reproduced, and changed in the small gestures of the everyday."5

This focus on porcelain and material goods generally is not an approach familiar to most historians of Germany, who, for understandable reasons, typically feel obliged to treat more serious, often political, subjects. While historians of Britain, America, France, and the Netherlands have shown us the great value and delight offered by histories of consumer goods, central Europeanists have been slow to devote attention to objects of minor aesthetic

4 • Introduction

value, or even to the history of consumption itself.⁶ Perhaps the presumption that a consumer culture did not exist even in West Germany until the 1950s—and arrived in other parts of central Europe only after 1989—has stifled interest in consumption in earlier periods.⁷ In Marx's homeland, too, the *critique* of consumption has seemed more important to study than consumption itself.⁸ But times are changing. The study of food cultures—again mostly emerging from the United States, Britain, and France—is now attracting German historians as well, and innovative cultural histories have demonstrated the ways in which central Europe's monarchies and regional states won nineteenth-century hearts and minds, partly through their inhabitants' consumption of commemorative goods.⁹

Yet we still have a need for some close studies of courtly and urban consumption in the eighteenth century and especially for work that helps us understand the ups and downs of the transition from courtly to middle-class consumption across the "saddle period" of 1780 to 1830 or 1840. ¹⁰ Even if consumption and material objects—as opposed to status, education, political party, or ethnicity—did not define central Europeans' social roles until quite recently (and one may still debate how much of a part it plays today), it can nevertheless be held that consumer goods such as silk hats or porcelain have played an important role in shaping Germanness (as well as Czech and Hungarian identities, of which this author can say little but that they too need investigation). It would be wonderful to have studies of the Wilhelmine household as evocative and detailed as some of the recent works on the Victorian home. ¹¹ I hope that this book may help to promote interest in this sort of inquiry for this region.

The biggest difference between this study and previous books on the subject, however, is that while it is partly a cultural history, *Porcelain* is also an economic and business history, one that illuminates German-speaking central Europe's transition from a plurality of mercantile states to its imbrication in a globalizing capitalist economy. The book's focus, then, is on porcelain as an *industry*, one in which German princes as well as private entrepreneurs from the outset have played a major role. Economic history, so profoundly important for understanding both cultural and political

Introduction • 5

developments, has been neglected by German and Austrian historians for some time and is in need of revival and reemphasis. By using some of its tools and rephrasing its questions, we can comprehend developments that still resonate strongly in our time. In the porcelain industry, for example, competition on price had already begun by the 1760s, and makers regularly committed what we would today call "industrial espionage." Here we can see the special challenges faced by would-be private entrepreneurs in central European conditions, and how they responded—not always successfully to the more advanced industrial societies to the west. Porcelain relates in concrete detail the particular history of central European industrialization and gives us a glimpse of the evolution of the highly skilled workforce and the elegantly designed consumer goods for which Germany, in particular, remains famous today. Economic histories do not need to be dry, and this one, it is hoped, makes it all the easier to understand the origins of the European consumer marketplace by coating the tale in the translucent splendor of porcelain.

Of course, there are many excellent economic histories of central Europe, and one might rightly ask: why does porcelain matter, as compared to iron, coal, steel, cotton, or beer, all commodities of greater consequence for the economy as a whole? Social historians might wonder why one should focus on employees in this semiluxury industry—who never numbered more than one hundred thousand—rather than on the millions of workers in other branches of manufacturing? Porcelain may have played a smallish part in gross national output, but it was a highly visible, mercantile product, for centuries mass-produced with large inputs of skilled artisanal labor but without the stereotypical steam-powered machines, making porcelain's history a window on the trades and production practices of the Old Regime. Porcelain played a central role in putting the previously "backward" German states on Europe's luxury-making map and, as one of the commodities first exported en masse, it helped to integrate the states that produced it into the wider global marketplace. Founded in 1710, Augustus II's Meissen manufactory earned itself one of the first internationally admired "brand" names, and the strategies this and other mercantile makers developed to protect the

Introduction

brand's reputation while also attempting to turn a profit foreshadow in remarkable ways the operations of luxury makers today. As a non-necessary consumer good, one associated primarily with women and family life, porcelain also takes us into the world of bourgeois self-presentation and individual (and especially female) choice, something impossible for historians of the coal or steel industries. And finally, the history of porcelain illuminates the many strategies state officials and business owners have attempted to tame the unpredictable capitalist marketplace, made more volatile by Germany's history of internal fragmentation, warfare, and dictatorship. Most economic histories do not emphasize the contingencies that make or break an entrepreneur, or an entire industry; this one—I hope readers will pardon the pun!—is all about that fragility.

Finally, perhaps the most unconventional aspect of this book is that its center of gravity lies not in the period usually identified as the heyday of central European porcelain production, the eighteenth century, but in the nineteenth and twentieth centuries. 12 Many connoisseurs regard this period as one that—aside from a few Jugendstil masterpieces—produced only "flea market trash." 13 But it is in the post-1800 era that the history of the porcelain industry offers us real insight into the very long afterlives of mercantile economies and of forms of craft production, even as capitalist markets and mass production begin to take hold. Of course, porcelain is much too frail a foundation on which to build a comprehensive history of political and economic developments in Germany and Austria since about 1700. But time and again fascinating moments in this history flash past, illuminating in new ways familiar developments such as the rise of the nation-state and the ravages of the Great Depression, the power of cartels and the increasing centrality of advertising. I hope readers will be convinced that while there are other stories to be told through porcelain, the history of this industry tells us a great deal about the peculiarities of central European capitalism that have shaped German and European culture and economic development down to the present day.

At the end of this story, however, we find ourselves at a crossroads, at which porcelain and central Europeans seem to be parting ways. In the last

Introduction • 7

thirty years, and especially since the economic downturn beginning in 2008, the European porcelain industry has entered a period of severe crisis. This has to do partly with global competition and the relentless pressure underselling exerts on small, artisanal businesses, and partly with the lapsing of state subsidies for the arts and crafts. But lifestyle changes are also afoot, and for younger Europeans and Americans—many of whom are growing up without porcelain in their lives—the magical ambience of "white gold" has almost entirely vanished.

My own biography illustrates just how recently this special commodity lost its international allure. Although I grew up in a middle-class Californian household, from the time I was small I knew that one used the "fine china" for holidays and that grandmother's porcelain figurines were to be admired only in their glass cabinet. When I married, I picked out a "china" pattern in my case, a Viennese Secession pattern made by a Japanese firm—and now we use that set only for guests and holidays. We store our own motley collection of other porcelain pieces in my husband's grandmother's breakfront; this includes some coffee cups hand painted by my grandmother and my great aunt, but no figurines (I have always disliked those). All are terribly dusty and neglected; I suspect my children have never even noticed them. We eat our meals from mismatched earthenware dishes—some of them printed with the ubiquitous "blue willow" pattern, and others made by the Welsh Portmeiron factory. Had we come from more affluent families, or families with central European heritages, we might have chosen, or inherited, porcelain pieces made by Meissen, the oldest and most prestigious, German manufacturer, or Rosenthal, the masterful adapter of modern designs. Had we been married not in 1989 but in 2009, we might not have put any "china" at all on our wedding registry. Americans have traditionally cared less about the quality of their tableware than Europeans have, yet until very recently, porcelain was very much part of our cultural and economic history too. Porcelain thus ends with a poignant question: Has this story, which began with an alchemical miracle at Europe's heart, and eventually embraced by so many, come to an end? I would hope not; but porcelain's fate will be decided beyond these pages; perhaps, even, in the readers' dining rooms.



Acier, Michel Victor, 83, 85 advertising, 64, 78, 135-37, 226-27, 273, 303, 333, 338, 347, 348, 352-53, 362-63, 398 Africans, porcelain images of, 143 Albrechtsburg Castle (Meissen), 36, 39, 134, 284, 285, 382 alchemy and alchemists, 1, 10, 30-34, 95, 97, 99 Allach porcelain manufactory, 2, 365-67, 372, 378 Älteste Porzellanfabrik Volkstedt. See Volkstedt porcelain manufactory Amberg, Adolf, 315 Ansbach porcelain manufactory, 47, 91, 122, 129, 166, 180, 269, 431n80, 431n94, 435n47; faience production in, 17 Applegate, Celia, 444n42 apprentices, 122, 123, 134, 232, 244, 264, 265, 266-67, 342, 379, 397 arcanists, 35, 38, 39, 41-42, 51-55, 88, 91, 92, 95, 101, 122, 156, 159, 182, 261, 419n73 Arcanum (secret recipe), 59, 122, 126, 136, 186, 419n73; abolition of, 155, 178, 187, 221; search for, 29-35, 40; spreading of, 38, 41-44, 47, 48, 51-52, 95, 97, 101 Arnhold family and Gebrüder Arnhold bank, 257, 259, 342, 374, 375, 427n109, 449n17 art nouveau, 283, 285, 294, 314, 316 artisans, self-image of, 118, 121-23, 196, 262; status of, 211-12, 229-38,

332, Plate 5

Arzberg porcelain manufactory, 270, 345, 352-53, 382, 407; "Arzberg 1382," 352–53 Arzberg (town), 249, 407 auctions, 82, 85, 87, 135, 159, 176, Augarten porcelain manufactory, 279, 351, 367, 379, 404-5, 410 August Siekmann furniture, 400 Augustus, Duke of Saxe-Gotha-Altenburg, 96 Augustus II, Elector of Saxony and king of Poland, 20-21, 22, 30, 40, 48, 36, 54, 65, 70, 81, 115, 118, 142; as East Asian porcelain lover, 16, 31, 32, 35, 69-70, 141; as Meissen founder and patron, 2, 5, 32-39, 44-45, 128, 177, 310; porcelain images of, 211 Auliczek, Dominikus, 121 Auslander, Leora, 3

Bald, Albrecht, 365
Bareuther, Oskar, 387, 445n44
Bassetouche, Elisabeth de, 70
bathrooms, 206, 243, 255, 273–75
Bauhaus, 322, 330, 351, 369, 399
Bäuml, Albert, 277–78, 369–70
Bäuml brothers (Alfred, Fritz, Kurt), 370, 371, 380, 392
Behrens, Peter, 315
Benckgraff, Johann, 51
Bentley, Thomas, 76, 78, 79
Berg, Maxine, 75, 232
Bertuch, F. J., 130–31
Bettauer, Hugo, *Die Stadt ohne Juden*, 358

Betts, Paul, 350, 362, 399 Carl I, Duke of Braunschweig-Wolfenbüttel, Beuth, Peter von, 191 50-51, 72, 86 Biedenkopf, Kurt, 411, 412 Carl Theodore, Elector Palatine, 87 biscuit porcelain, 146-51, 295-96, 313 Carl Tielsch porcelain manufactory, 248, Bismarck, Otto von, 242, 256, 258, 275, 250, 251, 254, 257, 258, 270, 322, 336 279, 285, 291, 384; porcelains of, 286, Carl William Ferdinand, Duke of 291, 295 Braunschweig-Wolfenbüttel, 163 Blackbourn, David, 257 Cartels, 6, 242, 243, 255, 257–61, 289, 378, 445n48. See also Manufacturers' Cartel; Boch-Buschmann, Jean-François, 125, 162, 180, 189-92, 231 Retailers' Cartel Boch, Eugen, 192, 272 Catherine I, Czarina of Russia, 55, 78 Boch Frères, 161-66, 189-92, 273 Charles Theodore, Palatine Elector, after Bohemia, as porcelain (and glass) region, 93, 1777, Elector of Bavaria, 163 103, 179, 184, 207, 249, 353, 336, 365, Charlotte, Crown Princess of Prussia, 212 454n25 Charlotte, Queen of Great Britain and Bonaparte, Napoleon. See Napoleon Ireland, after 1801, Queen Consort of the bone china, 30, 81, 175, 181 United Kingdom of Great Britain and Börne, Ludwig, 239 Ireland, 75 Charlottenburg, Palace of, 21, Plate 1 Böttger, Johann Friedrich; 41, 125, 139, 140, 179, 187, 285, 381, 398, 414, 419n75; Chatwin, Bruce, Utz, 32 death of, 38–39, 122, 126; as prisoner, Chelsea porcelain manufactory, 57–58, 81, 32–39; as would-be alchemist, 31–34 136 Böttger stoneware, 34, 36–37, 45, 55, 85, chemistry, 11, 33–34, 56, 156, 178–83, 140, 335, 347, 394 250-51, 295, 296-97 child labor, 124, 243, 343. See also Boucher, François, 56, 151, 313 Bow china factory, 58, 81 apprentices brands and branding, 5, 6, 84, 104, 130, 210, Chinese (persons), porcelain images of, 143, 228, 275, 276, 277, 283, 293, 300, 308, 217, Plate 6 332, 333, 351, 374, 376, 398, 407, 408, Chinese porcelain industry, 8–9, 12–15, 19, 410 152; European imitations of, 35, 138, breakfast, 114-15, 129, 199 139-40, 152, 215; Yixing porcelains, 34, Breker, Arno, 371 36, 140 British East/West India Companies, 63, 110 chinoiserie, 21, 45-46, 139-44 Brongniart, Alexandre, 158-61, 165, 181-82, Chladni, Samuel, 131 185, 213 classical antiquity, porcelain images of, Brophy, James, 214, 416n10 144-52, 217, 219, 220, 295, 313, 315, Brühl, Count Heinrich von, 45–46, 49–50, 370, 372, Plate 7 125, 129, 211, Plate 3 Cobenzl, Johann Karl, Philipp von, 68, Buen Retiro porcelain manufactory, 54, 163 115-16, 155, 422n13 Bustelli, Franz Anton, 52 coffee, 3, 17, 18, 25, 62, 69, 72–73, 107, 108, 113–15, 133, 140, 172, 198, 199, C. M. Hutschenreuther manufactory, 259, 338; bans on, 72, 114; coffee gardens 270, 336, 342, 344, 360 and early cafés, 202-3; coffee houses, Capodimonte porcelain manufactory, 54–55, 113-14, 202; substitutes, 72, 114, 127 Cohen, Deborah, 302 Carl August, Duke of Saxe-Weimar-Eisenach, Colbert, Jean-Baptise, 23, 24 Continental System, 155, 169, 202, 220, Carl Eugen, Duke of Württemberg, 10 225

court society, consumption in, 20–23, 69–72, 106–8, 111–13, 142, 418n31 Coutts, Howard, 92, 149 Crown Derby porcelain, 215 Czartoryzski, Jozef Klemens, 102

Dalwitzer Stoneware, 188, 227 De Waal, Edmund, 374 delftware, 14, 15, 16, 21, 30, 33, 79, 110, 140 dental porcelains. See teeth (porcelain) D'Entrecolles, Xavier, 41 department stores, 135, 299, 301-2, 310, 361, 390, 403, 338 desserts, 18, 69, 112, 115, 118, 302, 307, 429n29 Deutscher Werkbund, 315, 319, 321, 322, 345, 350-52, 371, 399, 401 dining habits, 18th-century, 17–18, 111–13, 129, 133; 19th-century, 195, 204-5, 306; 20th-century, 331, 392, 406, 428n19; à la française, 22, 55, 112, Plates 2, 4; à la russe, 198, 199, 307 Doccia porcelain manufactory, 53–54, 82, 125, 131, 145; majolica at, 54 dolls, 2, 188, 205-6, 252, 293, 305, 355, Plate 13 Du Paquier, Innocent, 41, 42, 44, 50, 54 Dutch East/West India Companies, 14, 63, 135 E. H. Henneberg & Co., 96

Eastlake, Charles, 322 Eichhorn, Heinrich, 188, 437n98 Eitelberger, Rudolf von, 279 Elbogen porcelain manufactory (later Haidinger Brothers Porcelain), 104 Elias, Norbert, 22 Elizabeth I, Czarina of Russia, 55, 129 England, fine ceramics industry in, 57-58, 81. See also Staffordshire "potteries" and Wedgwood ceramics manufactory entrepreneurs, 5, 27, 64-65, 187-92; in Thuringia, 93–102 Esser, Max, 351, 373 Eugen, duke of Saxe-Hildburghausen, 101 exports, 224, 245, 252-53, 258, 288, 324, 331, 336, 363, 365, 379, 387, 393–94, 395, 443n4

F. A. Schumann porcelain manufactory, 189, 227, 233, 269, 270 faience, 3, 10, 13, 14-17, 18-19, 27, 50, 53, 55, 112, 200 Fairchild, Cissie, 62 fairs and exhibitions, 102, 117-18, 133, 135, 196, 227-28, 242, 299, 303; Crystal Palace Exhibition, 212, 228, 296, 312; Leipzig fair, 16, 24, 37, 70, 97, 118, 133, 310, 346, 357, 373, 397; world's fairs, 228, 254, 280, 283, 292, 293, 309-14, 317 Falconet, Étienne Marie, 146-47, 367 Ferdinand, Prince of Saxe-Coburg-Gotha, 299 Ferdinand I, Emperor of Austria, 167, 185 figurines, 84, 113, 142-52, 196, 197, 214, 215, 216, 218–19, 233, 294–95, 310, 348-49, 352, 358, 366-67, 373, 404, 405, 432n115, 433n122 Flurl, Matthias, 88, 158, 181 France, fine ceramics making in, 15, 33, 55, 56-58, 69, 71, 82, 87, 142, 146, 154, 157-61, 189, 219, 249, 273, 275, 285. See also Limoges, Sèvres porcelain manufactory Francis I, Emperor of Austria, Holy Roman Emperor to 1806, 155, 171 Francis II, Emperor of Austria, 167 Frankenthal porcelain manufactory, 44, 53, 82, 83, 87, 136, 163 Franz, Prince of Anhalt-Dessau, 79 Franz Josef I, Emperor of Austria, 278; 'Kaisersemmel,' 278, 405 Frederick Augustus II, elector of Saxony, 44, 46, 51, 81, 123, 128–29 Frederick Augustus III, elector of Saxony, after 1806, king of Saxony, 81, 164, 165, 176 Frederick I, Duke of Württemberg (after 1806, king of Württemberg), 91 Frederick II ("the Great"), king in Prussia, 28, 104, 128, 139, 166; coffee laws, 72, 114–15; as conqueror of Saxony, 46–47, 49, 81; as KPM head, 48–50, 89–91, 125–26, 226, 231, 369, 430n70; mercantile policies of, 61, 79-80, 82; as porcelain figurine 1, 207, 214, 217, 219, 367, 372; as Prussian ruler, 60-62, 65-66; tastes of, 68, 90, 424n59 Frederick III, Duke of Saxe-Gotha-Altenburg, 95

after 1701 Frederick I, king in Prussia, 21, 32, 421n1 Frederick William, Elector of Brandenburg-Prussia ("the great Elector"), 16, 17, 60 Frederick William II, King in Prussia, 90, 166 Frederick William III, King of Prussia, 225, Frederick William IV, King of Prussia, 225-26 Fredericke, Princess of Mecklenburg-Strelitz, 149-50 French Revolution, 65, 154-61, 201 Freytag, Gustav, 115, 138, 426n102, 432n102 Frick, George, 159, 182–83, 225–26, 236–38 Friedenstein, Palace of, 21, 78, 95 Friedlaender-Wildenhain, Marguerite, 351 Friedrich Casimir, Count of Hanau-Münzenberg, 16 Fulda porcelain manufactory, 91 Fürstenberg porcelain manufactory, 95, 119, 125, 127, 138, 163-64, 233, 352-53; "630 Rhinegold," 352–53; 'Alt' lines, 352; designs of, 147–49, 152, 218; employee numbers, 86, 124, 361; first years, 44, 50-51, 86; leasing of, 256, 278, 279; during Nazi era, 361, 371; profits and losses, 86, 327, 379, 409; R&D at, 182-83; wages at, 51,122, 235 Gebrüder Bauscher porcelain manufactory, 248, 270, 315, 342, 366, 408

Frederick III, Elector of Brandenburg-Prussia;

Geldner, Erich, 369-70 Gerverot, Victor, 163-64 Gesell, Paul, 286-89, 448n150 Gesundheitsgeschirr. See porcelain and hygiene Gießhübel porcelain manufactory, 188, 215 Ginori, Carlo, 53-54, 82, 145 Ginori, Lorenzo, 54 glass and glassmaking, 24, 33, 73, 84, 103, 138, 179, 180, 217 glazes, 13, 29, 38, 182, 183, 251, 282–83, 296, 313, 317 Goebbels, Josef, 366 Goethe, J. W. von, 19, 99, 152, 287; porcelains of, 147, 207, 217, 219; Faust, 219, 222 Göring, Hermann, 281, 367, 372

Gotha porcelain manufactory, 95–96, 101, 373 Gotzkowsky, Johann Ernst, 49–50, 280 Greiner, Johann Gottfried, 96, 97, 99 Greiner, Johann Gotthelf, 96-99, 101 Greiner family, 98, 101, 102, 103, 445n48 Gretsch, Hermann, 352 Grieninger, J. G., 49-50 Grossnigg, Ehrhard, 410 guilds and guildsmen, 25, 26, 28, 68, 70–71, 119, 125, 166, 170, 171, 229, 240 Habermas, Jürgen, 201 Hamann, Anna Margarete (née Greiner), 96,99 Hamann, J. W., 96, 99 Hannong, Karl, 42, 418n39 Hardmuth, Joseph, 184, 189 hard-paste, 15; specifics of, 30, 38; at Sèvres,

160 - 61Hausen porcelain manufactory, 188 Hausmaler, Hausmalerinnen, 102, 119, 123, 259, 270 Haviland, David, 250 Heidenreich, Fritz, 400 Heine, Heinrich, 239 Heinitz, Friedrich Anton Freiherr von, 91, 166, 173, 180, 182, 435n47 Helbig, Georg Friedrich, 136–37 Helbig, J. M., 47 Henneberg, Friedrich Egidius, 96 Henneberg porcelain manufactory See Ilmenau Henriette Catherine, Princess Consort of Anhalt-Dessau, 16 Herend porcelain manufactory, 104, 409 Hiltl, J. G., 225 Himmler, Heinrich, 365-68, 371-72 Hindenburg, Paul von, 359, 372, 373 Hitler, Adolf, 330, 333, 335, 344, 360, 361, 362, 367, 368, 384, 385; porcelain tastes of, 369–72, Plate 15; porcelains of, 372 Höchst porcelain manufactory, 42, 44, 48, 51, 52, 87, 91, 143, 162; post-1945 reinvention of, 410 Hoffmann, Josef, 314, 351, 405 Höroldt, Johann Gregor, 45-47, 142, 398,

420n83

"hotel" porcelain, 259, 300, 351, 391
Humboldt, Alexander von, 91, 130, 166, 180–81, 431n81, 434n31, 435n47
Hummel figurines, 401
Hunger, Christoph, 41
Hutschenreuther, Carolus Magnus, 100, 187–88, 224, 438. See also C. M.
Hutschenreuther porcelain manufactory
Hutschenreuther, Lorenz, 249. See also
Lorenz Hutschenreuther porcelain
manufactory

Ikea, 406, 408
Ilmenau porcelain manufactory, later
Henneberg porcelain manufactory, 77, 96, 99, 101, 137, 146, 393, 403
Ingrao, Charles, 87
insulators (porcelain), 247, 251, 252, 254, 256, 277, 278, 280, 292, 305, 393
Irminger, J. J., 40
Iznik wares, 12

Jaeger & Co. porcelain, 361 Jaennicke, Friedrich, 312-13 Japanese Palace (Dresden), 21, 38, 45; porcelain menagerie at, 38, 44, 46 Japanese porcelains, 14, 253, 336; imitation of, 56, 138, 139, 140–42, 152, 283, 313 Jenkins, Newell Still, 252 Jews, 61, 127, 167, 330, 385; depicted in porcelain, 220, 359, 373; as merchants, entrepreneurs, 49, 67, 277, 301, 389; as peddlers, 135, 228; persecution of, 359, 361, 369-71, 373-76, 378. See also Königliche Porzellan Manufaktur (Berlin; KPM): Jews forced to buy Jingdezhen, 12, 40, 417n10 Johann Friedrich, Duke of Schwarzburg-Rudolstadt, 95, 97, 99 joint-stock companies, 53, 91, 94, 97, 102,

Kaffeekränzschen, 116, 199, 204–5, 269, Plate 10 Kahla porcelain manufactory, 205, 248, 249,

259, 260, 293, 322, 342, 360, 414; after

Joseph II, Holy Roman Emperor and

Emperor of Austria, 22, 68, 88–89

251, 256-57, 289, 333

1989, 406, 408; employee numbers, 250, 271; under GDR, 381, 393, 395, 397, 398, 406; during WWII, 379–80

Kändler, Johann Joachim, 46, 47, 54, 83, 84, 85, 128, 142, 144, 146, 210, 288, 313, 351, 398; "monkey orchestra," 46, 142, 211, 448n150

kaolin, 30, 35, 37, 42, 43, 53, 56, 81, 103, 118, 165, 189, 249, 250, 259, 282, 335, 342, 365

Karl Krister porcelain manufactory, 248, 270, 336

Kassel porcelain manufactory, 87, 126, 137, 146

Kaufhaus des Westens, 338, 339

Kelsterbach porcelain manufactory, 47,

tion at, 53
Kesselbach, Wilhelm, 240, 241
kiln design, 180, 183, 191, 251, 295, 392
Kips, Alexander, 315
Klaproth, Martin Heinrich, 181
Klein, Ursula, 34, 181
Klemm, Gustav, 159
Klemperer, Gustav von, and family, 374–75

52-53, 87, 162, 434n19; faience produc-

Klemperer, Gustav von, and family, 3/4–/5 Kloster Veildsorf, 95, 96, 100, 101, 119, 122 Klösterle porcelain manufactory, 104, 183, 248 Kocka, Jürgen, 170, 171, 189

Kolbe, Georg, 320, 321 Königliche Porzellan Manufaktur (Berlin; KPM), 43, 71, 89-91, 104, 123, 166-67, 192, 216, 243, 248, 250, 260, 272, 301, 324, 326, 329, 344, 345, 367, 392, 399; at 1900 world's fair, 310-13; 'Alt' (retro) styles, 211, 283, 331; artistic criticism of, 282, 312, 320; "Arcadia," 369, 372, 404; designs of, 217, 219, 283, 313; employee numbers, 52, 250, 254, 409; first years of, 44, 48–50; Gesundheitsgeschirr, 91, 166, 182, 269, 280; Jews forced to buy, 89–90, 91, 166; labor relations at, 125, 234, 235–38; ministerial management of, 173-75; move to Charlottenburg, 270-71; name changes of, 50, 334, 380; during Nazi era, 333, 378; neoclassicism at, 146, 149-52, 212 (see also 'chaste' classicism); outlets for, 90, 134, 166;

Königliche Porzellan Manufaktur (cont.) political criticism of, 237, 281–82, 287, 315, 344–45; post-1945 conditions, 377, 384, 389; privatization of, 409; profits and losses, 90, 172, 180–82, 279–82, 345, 409; as Prussian cultural institution, 178, 225–26, 277, 308; R&D at, 78, 85, 180–82, 183, 185, 251–52, 282, 286, 296; tiles, 273; trademark of, 50, 269, 297; "Urbino," 345, 351, 404; wages at, 326; "Waterloo" service, 165, 174; women workers at, 232; WWII damage, 380

Königszelt porcelain manufactory, 248, 270, 381

Korzec porcelain manufactory, 102–3, 172, 215 Kreklau, Claudia, 306 Kühn, Heinrich Gottlob, 165, 183, 212, 238,

287, 333 Kurtzke, Christian, 412

Lay, Friedrich, 162 Lemaire, Rudolphe, 141-42 Lemire, Beverly, 108 Lennox, Walter Scott, 303 Lessing, G. E., 147 Leuteritz, Ernst, 212 Limbach porcelain manufactory, 96, 99, 101 Limoges, 42, 181, 189, 249, 250, 444n39 lithography, 179, 196 lithophanes, 216, 219 Loewy, Raymond, 389, 400 Lorenz Hutschenreuther manufactory, 259, 260, 270, 271, 324, 325, 342, 372, 379, 382, 390, 397, 408, 437n98 Louis Günther II, Duke of Schwarzburg-Rudolstadt, 98

Louis Philippe, King of the French, 160 Louis XIV, King of France, 20–21, 110, 115, 129

Louis XVI, King of France, 157 Louis XVIII, King of France, 165 Louise Henriette, Countess of Nassau and Electress of Brandeburg-Prussia, 16, 18 Löwenfinck, Adam Friedrich von, 42

Louis XV, King of France, 46, 56–57

Ludwig I, King of Bavaria, 178, 186, 276, 437n93 Ludwig VIII, Landgrave of Hesse-Darmstadt,

Ludwig VIII, Landgrave of Hesse-Darmstadt, 53

Ludwig X, Landgrave of Hesse-Dardmstadt; after 1806, Grand Duke of Hesse, 162 Ludwigsburg porcelain manufactory, 42, 44, 52, 53, 91, 146, 172, 421n107 Luise, Queen in Prussia, 149–50

Macheleid, Georg Heinrich, 96–99, 101
"Made in Germany," 253, 321
majolica, 12–13, 18, 54, 112, 131, 312
Mann, Thomas, 291; *Buddenbrooks*, 306;
"Wälsungenblut," 358
Manufacturers' Cartel (Verband der

Manufacturers' Cartel (Verband der keramischer Gewerke in Deutschland), 256, 299, 318, 325–27, 336–38, 343, 361, 373

Marées, Carl de, 234–35
Maria Amalia of Saxony, Queen Consort
of Spain after 1759, 54, 115
Maria Anna Sophia, Electress of Bavaria,

51, 115 Maria Theresa, Holy Roman Empress and Empress of Austria, 18, 44, 46, 50, 68,

113, 161 Marie Antoinette, Queen of France, 157 Marks, Gerhard, 351 Marx, Karl, 4, 238

mass consumption, 172, 240, 241, 245, 289, 292, 298–305, 364–65

mass production, 245, 250–52, 289, 292, 293–98, 322, 329; artisanal forms of, 63, 74

Maximillian II, king of Bavaria, 276 Maximillian III Jopseh, Elector of Bavaria, 51, 163

McKendrick, Neil, 423n20, 423n36 Meissen porcelain manufactory, 5, 7, 55, 56, 87, 104, 109, 122–23, 125, 126, 130, 133–34, 139, 152, 159, 177, 192, 238, 243, 248, 260, 261, 303, 322, 324, 326, 335, 351, 369, 375, 386; after 1989, 410, 411–14; Albrechtsburg location, 35–36, 39, 119–20, 134, 284–85; artistic criticism of, 211–13, 312, 313, 316–17; employee numbers, 37, 44, 47, 83, 124, 164, 237,

Index · 497

250, 285, 380, 383, 395, 411, 414; faking of, 101, 123, 129, 287, 297; first years, 37-48, 49-50, 51, 52, 53, 78, 103; under GDR, 377, 393–98; imitations of, 48, 58, 82; labor relations, 237, 261, 332, 442n105; marketing of, 133, 134, 136, 260, 300, 362-63; move to new factory, 281, 284–85; name changes of, 334, 383; and Napoleonic Wars, 164-65; during Nazi era, 282, 333, 366-69, 371, 372, 380; political criticism of, 284, 286-88, 346-51, 413; profits and losses of, 39, 45, 46, 85, 90, 136-37, 164, 172-73, 176-78, 216, 282, 284-89, 346, 349, 360, 369, 381, 411-14; R&D at, 182-83; Russian occupations of, 164-65, 382-83; as Saxon institution, 177, 185, 207, 286, 308, 349-50, 413-14; and Saxon Finance Ministry, 175–78, 188, 264, 285, 287–88, 312, 346, 348, 412–14; tiles, 273; trademark, 37, 97; wages at, 37, 45, 83–84, 263, 442n105; in age of Wedgwood, 78, 79-85, 166; and women workers, 232; WWII damage of, 381 Meissen (town), 2, 36, 39-40, 412 Meissen porcelains, patterns and styles of, 151, 208, 217, 220–21, 273, 295, 351, 352, 355, 403-4; 'Alt Meissen,' 210-13, 283-86, 287-89, 316, 321, 331, 336, 346-50, 358-59, 363, 394, 396, 398, 411; "Blue Onion," 131, 132, 140, 215, 216, 285, 316, 411; first styles of, 45, 100, 129, 138, 140, 141-45; "Red Dragon," 140, 367; "Swan Service," 46, 128; "Yellow Tiger," 140 Melchior, Johann Peter, 143 men, as consumers of porcelain, 204, 220-22, 308 Mendelssohn, Moses, 89 mercantilism, 23-29, 53, 59, 63, 64, 88, 129, 153; afterlife of, 6, 275–76, 319, 344–47, 395; porcelain as mercantile product, 5, 37, 55, 56, 64, 82, 90, 91, 92, 168, 172, 186, 321, 329; relationship to cameralism, 65-74, 155-57, 193; relationship to capitalism, 2, 4, 157, 167, 171, 189, 196, 245, 276

Metternich, Clemens von, 167, 239

Mettlach, 162, 190, 232, 249, 254, 265, 271 - 73Meyer, Johann Hermann, 96, 100 Milly, Comte de (Nicolas Christian de Thy), 86-87 mineralogy, 11, 179 Minton china manufactory, 81, 312 Mitterteich porcelain manufactory, 366 Möller, F. H. G., 281 Monteglas, Maximilian von, 225 Montespan, Madame de (Françoise-Athénaïs de Rochecouart), 21, 115 Monti, Alessandro, 82-83, 136 Morris, William, 209 Müller, F. H., 87 Muthesius, Hermann, 321–22, 328 Napoleon, 105, 154-55, 159, 163, 164, 169, 218, 220; porcelains of, 1 Napoleonic Wars, 65, 149, 161–67, 169, 189–90, 194 Native Americans, porcelain images of, 143 neoclassicism, 144-53, 211; 'chaste' neoclassicism, 145, 146-52, 166, 169, 210, 345, 369, 370, 371; 'libertine' neoclassicism, 85, 144-46, 210, Plate 7; of Wedgwood, 75, 78, 80, 210, 424n47, 424n48 neo-rococo. See under rococo Neuhaus, Herbert, 382-83 Nicholas I, Czar of Russia, 198 Niedermayr, Matthias, 165 Nigg, Joseph, 184, 216 Nonne, Christian, 97, 101 Nymphenburg, Palace of, 21, 54 Nymphenburg porcelain manufactory, 121, 123, 126, 135, 158, 174, 181, 195, 212, 217–18, 226, 243, 248, 277, 312, 324, 326, 329, 344, 380, 382, 392; 'Alt' (retro) porcelains, 211, 297; as Bavarian cultural institution, 178, 186, 276; employee numbers, 52, 88, 277, 380; first years of, 42, 43, 44, 51–52; leasing of, 256, 277–78, 279; merger with Frankenthal, 163; during Nazi era, 333, 369-72, Plate 15; "Pearl" pattern, 215; profits and losses

of, 52, 186, 276-78, 409; R&D at, 184,

186–87; return to royal ownership, 378,

409; trademark, 334

Olbrich, Joseph Maria, 314, 315 Oppel, Carl Wilhelm, 164–65, 176 Oranienbaum, Palace of, 16, 21 Oranienburg, Palace of, 21 orientalism, 139-44 Orry de Fulvy, Jean-Henry-Louis, 56 Oscar Schaller & Co., 380 Ottomans, as consumers of European porcelains, 8, 14, 45-46, 50, 84-85, 100, 129–30, 155, 165, 210, 421n103 outlet shops, 82, 84, 90, 102, 120, 134, 166, 177, 184, 227, 300, 310, 318, 340, 345, 380, 390, 401, 413 Ovid, Metamorphoses, 142, 145, 147, 401 Pabst von Ohaim, Gottfried von, 34-35 'Pagodas,' 46, 140-42, Plate 3 Palissy, Bernard, 13 pastry chefs, confectioners (Konditoren), 69, pastry shops (Konditoreien), 202, 246 pâte-sur-pâte, 296 Paul, Nikolaus, the elder, 95 Paul, Nikolaus, the younger, 101 Pechmann, Günther von, 345, 351, 369 peddlers, 1, 133, 135, 196, 206, 224, 228, 299, 307, 310, 442n82 Petermann, Karl, 394–95 Petri, Trude, 351 Pfeiffer, Max, 346, 349, 352, 369 pipes (porcelain), 199, 208, 215, 216, 220-22, 252, 441n64 Pirkenhammer porcelain manufactory, 104, Pompadour, Madame de (Jeanne Antoinette Poisson), 56-57, 111, 115; styles after, 210, 211, 271, 318, 351 porcelain, and court society, 38, 111-13, 115 - 18porcelain, as bourgeois commodity, 195-208, 305-9, 354, Plates 8, 10 porcelain, and holidays, 135, 200, 205, 288, 299, 302–3, 306, 340, 348, 355–56, 358, 390 porcelain, and "home," 11, 307, 356-57, 362-63, 375-76, 399, 405-6 porcelain, and hygiene, 11, 166, 167, 182, 206, 252, 255, 269, 305, 350, 408. See

also bathrooms

porcelain, in munitions, 298, 324, 378, 379, porcelain, and provincial pride, 207, 256, 308, 324, 410, 413 porcelain, prices of, 131, 348, 365, 339-40, 378, 431n94. See also price, competition on porcelain, recipes for paste, 29, 41, 58, 179, 181, 282, 295, 419n58 porcelain, religious imagery, 207, 217, 219, porcelain, sales points for, 133-35, 224, 227-28, 300, 310, 338-39, Plate 11. See also department stores, fairs, outlets, and peddlers porcelain cabinets, 16, 18, 54, 198, Plate 1 porcelain industry, creation of, 29-31, 37; employee numbers, 246, 247, 269, 320, 325, 331-32, 342-43, 387, 379, 391-92, 410 (see also individual manufacturers); forced labor in, 365, 374, 379; labor relations, 229-38, 327-28, 340-41, 261, 262; number of firms, 247–48, 341, 387, 392, 407, 443n15; paternalism in, 92, 124-25, 127, 159, 268, 445n57; porcelain manufactories, artistic commissions, 314-17, 332, 351, 352; machines in, 5, 78, 166, 184, 230, 251, 254, 392; management of, 121-22, 332-33; relationship to state bureaucracies, 160, 173-78, 193, 276-89, 328, 337, 361, 378, 393; working conditions in, 40, 90, 118-28, 244, 266-67, 379-80 porcelain workers, living conditions of, 266; political loyalties of, 237–38, 261–63, 334, 344; wages of, 121-24, 231-32, 263-64, 331-32, 334, 341, 343, 362, 429n50, 458n152; and WWI, 324-25, Preis courante, 135-36, 333, 372 price, competition on, 5, 63, 82, 86, 89–90, 102, 135–37, 179, 192, 258, 286, 327–28, 336, 338 Prössel, Carl, 182–83

Reichmannsdorff porcelain manufactory, 188 Saalfeld, Diederich, 108 Reimarus, Hermann Samuel, 131, 133 Saarland, 109, 271, 335, 365; as fine Retailers' Cartel (National Cartel of German ceramics region, 93, 243, 246, 247, 249, Shops Specializing in Porcelain, Glass, 269 Housewares and Kitchenwares; Reichs-Sans Souci, Palace of, 61 verband deutscher Spezialgeschäfte in Schacht, Hjalmar, 374 Porzellan, Glass, Haus-, und Küchengeräte), Schadow, Johann Gottfried, 149, 150, 166 260, 302, 326-72, 336 Scheurich, Paul, 351-52, 369, 371 Revers, 260, 271, 302, 317, 326, 337-38 Schinkel, Karl Friedrich, 149, 212, 345, 369, Ribbentropp, Joachim von, 369 Riefensthal, Leni, 372 Schlaggenwald porcelain manufactory, 103, Riegl, Alois, 138, 185 104, 184, 188, 211, 215, 219, 248, 409 Riemerschmid, Richard, 317 Schmoller, Gustav, 195, 240-42, 249 Ringler, J. J., 42, 52 Schmuz-Baudiss, Theo, 283, 313, 315 Roche, Daniel, 3, 22, 110-11, 133, Schney porcelain manufactory, 188 rococo, 52, 53, 56, 76, 87, 139, 142, 147, Schnorr von Scheeberg, Veit Hans von, 152, 208, 210, 371, 393, 420n85, 424n59; 35, 42 neo-rococo, 208, 210, 211, 212, 213, 283, Scholz, Benjamin von, 184–85, 233 285, 286, 288, 294, 297, 308, 318, 346, Schönnbrunn, Palace of, 21 363, 367, 369, 377, 389, 394, 401, 405. Schönwald porcelain manufactory, 327, 381, See also 'Alt' styles 391 Rönneper, Heinz-Peter, 251 Scotzniorsky, Ferdinand, 277 Röntgen, David, 71 Seger, Hermann, 181, 251, 282 Rosenthal, Philip, 318, 351, 389-90, 402, Selb, 249, 267, 270, 317, 341, 344, 374, 380, 408, 461n49 384, 390, 391, 408 Rosenthal, Philipp, 249, 270-71, 317-18, Seltmann porcelain manufactory, 270, 343 326, 373-74 Semper, Gottfried, 212, 213, 319-21, 394, Rosenthal porcelain manufactory, 7, 248, 404, 440n40 259, 260, 270, 278, 293, 324, 336–38, Septfontaines, 161, 162, 191, 248, 272 341-42, 344, 346, 351, 360, 382, 392, Seven Years' War, 47, 49-50, 61-62, 65-66, 408; artistic commissions, 317-18, 351, 72, 83, 87 389-90, 392, 401; designs of, 297, 317-18, Sèvres porcelain factory, 19-20, 94, 146, 321, 322, 340, 351, 355, 400, 401–2, 406; 160, 174, 185, 226, 297, 310-11; 'Alt' employee numbers, 250, 325, 379; "Form (retro) porcelains, 213; artistic leadership 2000," 389, 400; during Nazi era, 366, of, 83, 84, 283, 312, 313; first years, 367, 370, 373-74, 378, 379; "Studio 56-57, 58, 82, 84, 87, 279; and French Houses," 388; "Studio Line," 390, 402 Revolution, 154, 157–61; prices at, 71, Rosenthal, Turpin, 463n94 129, 147; profits and losses at, 157-61, Rosenthiel, Friedrich Philipp, 235–36 282. See also Vincennes Rotberg, Wilhelm Theodor von, 95, 96 Sheehan, James, 19 Royal Copenhagen porcelain manufactory, shop windows, 224, 227, 301, 303, 318, 87, 163, 172, 211, 219, 282–83, 296, 311, 338, 358, 401 313, 314, 406, 425n80 Silesia, 46–47, 67; as porcelain-making Rubin, Eli, 402 region, 93, 246, 269, 335-36, 380, 381; Rublack, Ulinka, 110 Prussian annexation of, 61, 65–66, 104 Russia, porcelain industry in, 55, 174, 189; silicosis, 126, 232–33, 267–68, 360, 387, 397 after 1917 Revolution, 359 silk industry, 25, 28, 49, 51, 61, 422n4 silver services, 18, 22, 112, 129, 198, Plate 2 Russians, as consumers of porcelain, 84–85, 129-30, 155, 210 silversmiths, 37, 40, 138

slip-casting, 251, 295 Smith, Adam, 119, 170 Society of Dilettanti, 76, 145 soft-paste porcelain, specifics of, 10, 15; at Sèvres, 160 Sophia Charlotte, Electress of Brandenburg, after 1701 Queen in Prussia, 116 Sophienau porcelain manufactory, 336 Sorgenthal, Conrad von, 88, 92, 165, 333 Speer, Albert, 369, 371, 372 Spiekermann, Uwe, 224, 415n6 Spode china manufactory, 81 St. Cloud, faience factory, 16, 33 Staffordshire "potteries," 15, 30, 74, 76, 249 Stöltzel, Samuel, 41 stoneware, 3, 13, 18, 19, 34, 75, 79, 88, 93, 188, 192, 200, 216, 224, 227, 228, 246, 259, 271, 273, 307, 325, 328, 382, 393, 397, 404, 408. See also Böttger stoneware Strupp banking house, 259, 336, 342 sugar, 3, 22, 62, 69, 71, 73, 112–14, 133, 172, 199; sugar sculptures, 112–13 sumptuary laws, 25, 110, 117, 209 Szkurlat, Anna, 102

table- and kitchenware, consumption of, 17-18, 69-70, 108, 114-15, 130-33, 138, 196, 199-201, 299, 302-3, 307-8, 327, 339-40, 350-51, 354, 362-63, 373, 385-86, 402; Plates 8, 10, 13 tariffs, 23, 79-80, 87-88, 175-76, 191, 245, 252, 256; Prussian 1818 tariff, 170, 235, 256, 331, 336, 343 tea, 3, 17, 18, 62, 108, 113, 116, 133, 140, 338 technical and electrical porcelains, 247, 251, 254–55, 297–98, 317, 324, 332–33, 360, 378, 387 teeth (porcelain), 2, 247, 251, 252, 292 Tettau porcelain manufactory, 181, 188, 248, 270, 379 textiles and textile industry, 25, 62, 63, 67, 110, 124, 246, 247 Theodor Paetsch Stoneware, 328 Thirty Years' War, 14, 20, 60 Thomas porcelain manufactory, 270, 317, 318 Thonet, Michael, 227

Thorwaldsen, Bertel, 149, 219,

Thuringia, as porcelain-making region, 93-102, 152, 245, 246, 249, 269, 355, 410 Tiefenfurt porcelain manufactory, 258, 270 tiles, porcelain and other ceramics, 2, 15, 21, 206, 247, 251, 254, 271, 272–75, 292, 412 tinware, 13, 130, 133 Tirschenreuth porcelain manufactory, 188, 249, 270, 371, 380, 392, 404, 437n98 tobacco, 91, 103, 198, 199, 220, 221 Tocqueville, Alexis de, 107, 153, 428n3 Tournai porcelain manufactory, 68, 192, 422n13 transfer printing, 58, 78, 176, 179, 251, Treue, Wilhelm, 71 Troost, Gerdy, 370, 371 Troost, Paul Ludwig, 369, 370, 372 Tschirnhaus, Ehrenfried Walther von, 32-35, 40, 179 'Turkish cups,' (Türkenkoppchen), 45–46, 50, 51, 129, 155, 420n84 Turks, porcelain images of, 140, 143, 152, 217, 221

Umbach, Maiken, 253
Union of German Porcelain Manufacturers for the Promotion of the Porcelain Industry (Vereinigung deutscher Porzellanfabriken zur Hebung der Porzellanindustrie GmbH), 259, 260
United States, as porcelain importer, 130, 252–53, 258, 288, 363
Upper Franconia, as porcelain region, 53, 93, 108, 243, 246, 247, 249, 265, 269, 317,

335, 341, 386, 407, 410

Van de Velde, Henry, 316
Versailles, Palace of, 20–21, 46, 51, 57, 115, 119, 318, 335; 'Trianon de Porcelaine,' 20, 115
Vesper, Will, 358–59
Vickery, Amanda, 116
Villeroy, Nicholas, 125, 162, 189–90
Villeroy & Boch, 162, 189–92, 217, 259, 292, 294, 335, 365, 390, 408, 441n80; employee numbers, 250, 254; during
Nazi era, 365, 366; tiles, 272–73; wages at, 264; women workers at, 232, 264–65

Vincennes porcelain manufactory (later Sèvres), 56, 146 Vogelmann, Carl, 53 Volkstedt porcelain manufactory (later Älteste Porzellan Manufaktur Volkstedt), 95, 97, 100, 102, 297, 393, 409 Volognes porcelain manufactory, 158 Voltaire, 41, 61; in porcelain, 147

Wackerle, Joseph, 370, 371

Wagenfeld, Wilhlem, 351, 352, 371, 399, 401 Walcha, Otto, 403-4 Waldsassen porcelain manufactory (Bareuther & Co.), 248, 270, 324, 327, 357, 379, 380, 392, 445n44 Walküre porcelain manufactory, 294, 361 Wallendorf porcelain manufactory, 95, 96, 99, 100, 101, 104 Wallerfangen ceramics manufactory, 189 Walther, Hannes, 412 Watteau, Jean-Antoine, 45, 142, 151, 313 Wedgwood, Josiah, 64, 73 74-81, 82, 163, 190; as experimental chemist, 77–78, 179; as salesman, 76, 78, 80, 137, 138; use of coal, 74-75, 180 Wedgwood ceramics manufactory, 30, 74-81, 84, 91, 104, 105, 118, 147, 149, 179, 253,

84, 91, 104, 105, 118, 147, 149, 179, 253, 389, 405, 408; "creamware," 75, 77, 79; "Frog Service," 78; imitations of, 77, 80, 146, 164, 216, 294; "Jasperware," 76–80, 146, 179, 424n47, 424n48; "Queen's Ware," 75–78. See also neoclassicism Wedgwood family, 75, 78

Wegeley porcelain manufactory (later KPM), 44

Wegeley, William Caspar, 47–49, 95 Wellington, duke of (Arthur Wellesley), 163, 165

Westerwald stoneware, 19, 397 White Lion, 8–12, 59, 416n1

whiteness, importance of, 10, 12, 17, 34–35, 41, 76, 88–89, 110–11, 175, 351, 371–72, 402

Wiener Porzellanmanufaktur (WPM), 43, 44, 50, 55, 82, 103, 113, 129, 124, 165–66,

184–85, 195, 200, 216, 217, 243, 312, 421n103, Plates 5, 8; Augarten as successor, 351, 367, 379; closure of, 276, 278–79; employee numbers at, 50, 52, 124, 165, 233; outlets, 50; profits and losses at, 165, 166, 184-85; Technisches Kabinett, 185-86 Wiener Werkstätte, 314, 319, 351 Wikkala, Tapio, 389 Wilhelm, Landgrave of Hesse-Philippsthal, 98 Wilhelm I, king of Prussia, after 1871 Emperor of Germany, 242; porcelains of, 295 Wilhelm II, Emperor of Germany, 243, 283, 315, Plate 14 Winblad, Bjorn, 389 Winckelmann, J. J., 147-49 Winterling porcelain manufactory, 270, 379 Woltmann, Jörg, 409 women, as consumers of porcelain, 6, 11, 115-18, 130-31, 204, 220, 302, 303-5, 308, 327, 354, 385–86, 390, 405–6, Plates 8, 10, 11, 13 women, household advice for, 117-18, 199, 302, 307; as manufactory operators, 122, 188; as porcelain workers, 122, 124, 191, 231-32, 236, 245, 262, 254, 264-66, 294,

314–15, 323, 325, 343, 355, 444n39; as tastemakers, 16, 18, 56–57 wood, 37, 50, 51, 73, 119, 180, 183, 187, 188 Workers' Association (Workers' Association for Porcelain, Glass, and Related Trades; Gewerkverein in der Porzellan-, Glasund verwandten Arbeiter; later Union of Porcelain Workers and Related Tradesmen, Verband der Porzellan- und verwandten

World War I, 298, 323–38 World War II, 298, 366, 374, 375, 376, 378–81

Arbeiter), 261–62, 341

Zachmann, Karin, 399 Zeh porcelain manufactory, 270, 379 Zollverein, 156, 170, 171, 177, 192, 224, 361 Zürich porcelain manufactory, 91