

# *The Bauers*

*Joseph, Franz & Ferdinand*

Masters of Botanical Illustration  
*An Illustrated Biography*

HANS WALTER LACK

PRESTEL  
Munich • London • New York

# CONTENTS

<b>PREFACE</b>	<b>4</b>	<b>CHAPTER 8</b>	<b>188</b>	<b>CHAPTER 15</b>	<b>386</b>
<b>ACKNOWLEDGEMENTS</b>	<b>6</b>	Franz Bauer in the circle of Sir Joseph Banks in London and Kew		Franz Bauer in the circle of Sir Everard Home in London and Kew	
<b>PRELIMINARY NOTES</b>	<b>7</b>	Sir Joseph Banks, BT, PC, GCB, DCL, PRS, FSA		Sir Everard Home, BT, VPRS, FSA, FRCS, FRCP, FLS	
<b>DRAMATIS PERSONAE</b>	<b>8</b>	Franz settles down in Kew * The painted record of the Royal Garden at Kew * <i>Delineations of exotick plants</i> and <i>Strelitzia picta</i> * The life cycle of wheat * The enigmatic barberry bush * Other cereal killers		* Structure and function, or the aggressive behaviour of the male Great Diving Beetle * The physical basis of human sex and reproduction * Blood, aneurisms and tumours * Animals on the dissecting table * <i>Lectures on comparative anatomy</i> * Home's 'plagiarisms'	
<b>INTRODUCTION</b>	<b>9</b>				
<b>CHAPTER 1</b>	<b>12</b>	<b>CHAPTER 9</b>	<b>226</b>	<b>CHAPTER 16</b>	<b>404</b>
The incompletely known world		Ferdinand Bauer, the years between		Franz Bauer, the Nestor of Kew	
		Watermarks * A puzzle for everybody * Sibthorp's legacy		The Royal Garden at Kew in decline * The Royal Society and the Mummy cloth * The visit to Paris * Ferns * Taking precise measurements with the microscope * Niépce's epoch making invention * Farewell	
<b>CHAPTER 2</b>	<b>18</b>	<b>CHAPTER 10</b>	<b>244</b>	<b>CHAPTER 17</b>	<b>428</b>
The Bauer brothers: formative years in Feldsberg		Ferdinand Bauer and Robert Brown explore Australia		Testaments and the disposal of two estates	
Rural countryside * The Bauer family * Norbert Boccius, OH arrives * An early masterpiece * The <i>Codex Liechtenstein</i> takes shape * Recording and coding colours * The plant and animal illustrations of the <i>Codex Liechtenstein</i> * The title pages, garden views and landscapes of the <i>Codex Liechtenstein</i> * The Bauer brothers break off		The background for a major expedition * Differences and similarities * The scientific assistants * From Spithead to King George III Sound * Along the southern coast of Australia * Along the eastern coast of Australia * Along the northern coast of Australia * From Timor to Sydney Cove * Port Jackson and the hinterland * Norfolk Island * From Port Jackson to Liverpool		Ferdinand's testament * Franz I, Emperor of Austria, purchases * Franz's testament * Franz's request * Victoria, Queen of the United Kingdom, decides * The auction * Ernest Augustus, King of Hanover, purchases * Robert Brown's acquisitions and their dispersal	
<b>CHAPTER 3</b>	<b>54</b>	<b>CHAPTER 11</b>	<b>294</b>	<b>CHAPTER 18</b>	<b>442</b>
The interval in Vienna		Ferdinand Bauer in the circle of Sir Joseph Banks in London		Posthumous publication	
The imperial city * Nikolaus Joseph Edler von Jacquin, the Austrian Linnaeus * In a botanical garden * The polished boards of Viennese society		Mired in bureaucracy * Ferdinand in 32 Soho Square * Ferdinand's plant illustrations from the voyage in the <i>Investigator</i> * Ferdinand's animal illustrations from the voyage in the <i>Investigator</i> * <i>Illustrationes Florae Novae Hollandiae</i> * Ferdinand's enigmatic oil painting * Leaving England		A double anomaly * London * Vienna * Leipzig * Utrecht	
<b>CHAPTER 4</b>	<b>72</b>	<b>CHAPTER 12</b>	<b>320</b>	<b>CHAPTER 19</b>	<b>452</b>
Joseph Bauer in papal Rome		Joseph and Ferdinand Bauer back in Vienna		Fortunate circumstances	
Special relationships * Arts, artists and art-dealers * The nascent artist from Feldsberg * Objects of classical antiquity * Neoclassical idealism at its best		Joseph returns to Vienna * Joseph appointed Director of the Liechtenstein Gallery * The rearrangement and opening of the Liechtenstein Gallery * Ferdinand returns to Vienna * Continuing the <i>Illustrationes florae Novae Hollandiae</i> * The pen-and-ink tracings * Foxgloves * Passion flowers, Ferdinand's swan-song * Last contacts * Farwell		The inevitable erosion * Untraceable * Transferred * Evacuated from Berlin to Cracow * Evacuated from Vienna to Vaduz * Lost for ever – the Oberhöflein fire	
<b>CHAPTER 5</b>	<b>90</b>	<b>CHAPTER 13</b>	<b>350</b>	<b>CHAPTER 20</b>	<b>460</b>
Ferdinand Bauer and John Sibthorp explore the Levant		Franz Bauer examines red snow and orchids		Afterlife	
Ferdinand meets John Sibthorp * Vienna to Rome * Rome to Messina * Crete * Crete to Istanbul * Istanbul to Cyprus * Cyprus to Patmos * Patmos to Athens * Mount Parnassus * Athens again * Mount Athos * Thessaloniki to Patras * Patras to Oxford		The Admiralty, the Royal Society and the Arctic * Red snow * Melville Island Plants * The stupendous flower of Sumatra * Tropical Milkweeds * A love affair with orchids * The chance in the heating system and its consequences * <i>Illustrations of Orchidaceous Plants</i>		Obituaries * Posthumous praise * Enigmas * The mystery of time	
<b>CHAPTER 6</b>	<b>142</b>	<b>CHAPTER 14</b>	<b>376</b>	<b>EPILOGUE</b>	<b>468</b>
Ferdinand Bauer in Oxford		Franz Bauer observes the cell nucleus and pollen diversity			
Discrepancy * John Sibthorp at home * Ferdinand at work * Ferdinand's plant illustrations * Ferdinand's animal illustrations * Ferdinand's accuracy * Ferdinand's frontispieces * Ferdinand's Levantine costumes, Devonshire views and flower pieces * Arguments over money * Ferdinand discontinues working for Sibthorp		Priority * Greenish yellow specks * Pollen diversity * Pollen sterility, pollen germination and sulphuric acid		<b>REFERENCES</b>	<b>472</b>
<b>CHAPTER 7</b>	<b>164</b>			<b>APPENDIX 1</b>	<b>479</b>
Franz Bauer and Joseph Franz Edler von Jacquin tour Europe				<b>CATALOGUE RAISONÉ</b>	<b>480</b>
Networking in Vienna * Vienna to Karlsbad * Karlsbad to Berlin * Berlin to Bonn * Bonn to Leiden * Leiden to London				<b>APPENDIX 2 TIMELINE</b>	<b>480</b>
				<b>INDEX</b>	
				General	<b>481</b>
				Persons	<b>483</b>
				Books, journals and manuscripts	<b>488</b>
				Place names	<b>489</b>
				Plants, fungi, algae and animals	<b>493</b>