

CONTENTS

INTRODUCTION	6
I. THE GERMAN STEEL INDUSTRY	8
A. Introduction	8
B. The quantitative development of the production of pig-iron and ingot steel	8
1. The production in 'Altreich'	8
2. The production of pig-iron and ingot steel in the part of Europe ruled by Germany	12
C. General conditions in the German steel industry	17
1. Introduction	17
2. The question of capacity	21
3. The production of ingot steel	23
4. The production of pig-iron	26
II. FOREIGN POLICY AND THE SUPPLY OF IRON ORE	29
A. Introduction	29
B. The period up to the outbreak of war	30
1. The supply of domestic iron ore	30
2. The imports of iron ore	33
3. Summary	39
C. The first year of the war (September 1939-June 1940) . . .	41
1. The supply of domestic iron ore	41
2. The imports of iron ore	42
3. Summary	47

D. The German iron ore supply during the war years	48
1. The domestic production of iron ore	48
2. The imports of iron ore	51
3. Summary	52
E. The end of the war	54
F. Summary	57
 III. THE TRANSPORTING OF IRON ORE BETWEEN SWEDEN AND GERMANY	 59
A. Introduction	59
B. Shipping conditions during the latter half of the 1930s . .	61
C. From the outbreak of the war to the start of the blockade of Skagerack	63
D. From the start of the blockade of Skagerack onwards: the formal framework	64
E. From the start of the blockade of Skagerack onwards: carriage of goods by sea as a bottleneck for the German iron ore supply	66
1. The Swedish shipping ports	66
2. The import ports on the Continent	68
3. The composition of the shipping	70
4. The shortage of shipping—a bottleneck for the iron ore supply?	71
 IV. THE IRON ORE SUPPLY FROM A SOCIO-ECONOMIC AND COMMERCIAL POINT OF VIEW	 77
A. Introduction	77
B. Questions of fuel, labour and capacity in German pig-iron production	80
C. The price relationship between domestic and Swedish iron ore	84

V. IRON ORE QUALITY AND THE IRON ORE SUPPLY	91
A. Introduction	91
B. Germany's supply of raw materials for the production of high quality steel	92
1. Introduction	92
2. The adaptability of Thomas steel	94
3. The supply of scrap iron	95
4. The supply of grades of iron ore with a low phosphorus content	96
C. Summary	102
VI. SWEDEN'S IRON ORE EXPORTS AND WAR TRADE POLICY	105
A. Introduction	105
B. The period up to the outbreak of war	108
C. From the outbreak of war to 9 April 1940	110
D. From 9 April to the summer of 1943	115
E. From the summer of 1943 onwards	119
F. Concluding observations	126
SUMMARY	127
ABBREVIATIONS	130
REFERENCES	131
LIST OF TABLES	135
MAP	137