Contents

Prologue  page 1
Modern conceptions of creativity  2
The focus of this book  4

PART I PERSPECTIVE

1 Genius and creativity: historical perspective of theory and research  7
Galton’s initiation of theory and research on genius and ‘productive creators’  8
Freud’s initiation of theory and research into the psychodynamics of the creative personality  13
The Humanistic approach to creativity  16
The ‘intellectual process’ approach to creativity  28
Decline and revival of the interest in giftedness and genius  32
Conclusions  35

2 Methods used in research on productive creators  37
Historiometric (sociometric) studies  37
Studies of historical figures  38
Studies of contemporary productive creators  43

PART II THE CREATIVE PERSON

3 Social background  49
The incidence of creativity in societies  49
The position of creative achievers within the society  57
Position within the family (birth order)  64
Conclusions  66
## Contents

4 The home environment  
- Intellectual stimulation in the home 68  
- Values upheld in the home 71  
- Emotional climate in the home 72  
- Bereavement 74  
- Isolation 77  
- Parental style of control 79  
- Conclusions 81  

5 Education and career  
- Education 83  
- The career 94  
- Conclusions 101  

6 Characteristics of creative achievers  
- Intelligence of creative achievers 103  
- The relation between creative achievement and psychopathology 113  
- Personality characteristics 119  

7 The creator's motivation  
- Theory relating to the role of 'intrinsic satisfaction' in the motivation to create 134  
- Theories relating to the role of psychodynamic tendencies in the motivation to create 142  
- Suggestions relating to the role of 'extrinsic satisfactions' in the motivation to create 144  
- Some additional suggestions relating to the motivation to create 148  
- Conclusions 159  

8 The developmental pattern  
- Values 162  
- Precocious development of ability 163  
- Stress 165  
- Independent intellectual activity and the desire to excel 167  
- A wide (but specialized) range of knowledge and skill and a habit of working alone 168  
- The question of women creators 172  
- Implications and issues 175
<table>
<thead>
<tr>
<th>PART III CREATIVE THINKING AND INSPIRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>9  Stages in creative problem-solving</td>
</tr>
<tr>
<td>Problem finding</td>
</tr>
<tr>
<td>Problem solving</td>
</tr>
<tr>
<td>10 Specific abilities and processes involved in creative problem-solving</td>
</tr>
<tr>
<td>The factor-analytical approach</td>
</tr>
<tr>
<td>Associationistic approaches</td>
</tr>
<tr>
<td>Artificial simulation of creative processes</td>
</tr>
<tr>
<td>11 Traditional views of the role of unconscious processes</td>
</tr>
<tr>
<td>The concept of an 'unconscious mind'</td>
</tr>
<tr>
<td>Primary- and secondary-process thinking</td>
</tr>
<tr>
<td>12 Unconscious processing and inspiration: a new interpretation</td>
</tr>
<tr>
<td>The development and functioning of automatic routines</td>
</tr>
<tr>
<td>Facts and ideas about the conscious stream of thought</td>
</tr>
<tr>
<td>A reconsideration of the nature of inspiration</td>
</tr>
<tr>
<td>Insight in context</td>
</tr>
<tr>
<td>Epilogue</td>
</tr>
<tr>
<td>References</td>
</tr>
<tr>
<td>Index of names</td>
</tr>
<tr>
<td>Subject index</td>
</tr>
</tbody>
</table>