

Contents

25	Color in romantic contexts in humans	531
26	Color in competition contexts in non-human animals	546
27	Color in achievement contexts in humans	568
	<i>List of figures</i>	page viii
	<i>List of tables</i>	xvii
	<i>List of contributors</i>	xviii
	<i>Foreword by Steven K. Shevell</i>	xxi
	Part I Introduction	
1	Introduction and overview	3
	ANDREW J. ELLIOT, MARK D. FAIRCHILD, AND ANNA FRANKLIN	
	Part II Foundations: basics of color science	
2	Color models and systems	9
	MARK D. FAIRCHILD	
3	Fundamentals of color vision I: color processing in the eye	27
	ANDREW STOCKMAN AND DAVID H. BRAINARD	
4	Fundamentals of color vision II: higher-order color processing	70
	KARL R. GEGENFURTNER AND ROBERT ENNIS	
5	Evolution of color vision and its reflections in contemporary mammals	110
	GERALD H. JACOBS	
6	Some philosophical questions about color	131
	DON DEDRICK	
	Part III Development of and differences in color vision	
7	Emergence and early development of color vision and color perception	149
	MARC H. BORNSTEIN	
8	Color vision changes in normal aging	180
	JOHN L. BARBUR AND MARISA RODRIGUEZ-CARMONA	
9	Individual differences in color vision	197
	MICHAEL A. WEBSTER	
10	Color vision deficiencies	216
	NEIL R. A. PARRY	

Part IV Color categorization

- | | | |
|----|--|-----|
| 11 | Universality of color categorization | 245 |
| | PAUL KAY | |
| 12 | Color categorization across cultures | 259 |
| | JULES DAVIDOFF | |
| 13 | Development of color categorization | 279 |
| | ANNA FRANKLIN | |
| 14 | The meaning of color words in a cross-linguistic perspective | 295 |
| | ANNA WIERZBICKA | |

Part V Color symbolism and association

- | | | |
|----|--|-----|
| 15 | Early color symbolism | 319 |
| | IAN WATTS | |
| 16 | Symbolic use of color in ritual, tradition, and folklore | 340 |
| | JOHN B. HUTCHINGS | |
| 17 | Color in camouflage, mimicry, and warning signals | 357 |
| | MARTIN STEVENS, LINA MARÍA ARENAS, AND ALICE E. LOWN | |
| 18 | Use of color in warnings | 377 |
| | MICHAEL S. WOGALTER, CHRISTOPHER B. MAYHORN, AND OLGA A. ZIELINSKA | |
| 19 | Color emotion and color harmony | 401 |
| | LI-CHEN OU | |
| 20 | Do metaphors color our perception of social life? | 419 |
| | BRIAN P. MEIER | |

Part VI Color preferences

- | | | |
|----|---|-----|
| 21 | Ecological aspects of color preference | 435 |
| | KAREN B. SCHLOSS AND STEPHEN E. PALMER | |
| 22 | Biological, cultural, and developmental influences on color preferences | 454 |
| | ANYA HURLBERT AND ANGELA OWEN | |

Part VII Color effects on psychological and biological functioning

- | | | |
|----|--|-----|
| 23 | The role of color in the voluntary and involuntary guidance of selective attention | 481 |
| | CHARLES L. FOLK | |
| 24 | Color and mate choice in non-human animals | 502 |
| | JAMES P. HIGHAM AND SANDRA WINTERS | |

25	Color in romantic contexts in humans ADAM D. PAZDA AND TOBIAS GREITEMEYER	531
26	Color in competition contexts in non-human animals JOANNA M. SETCHELL	546
27	Color in achievement contexts in humans MARKUS A. MAIER, RUSSELL A. HILL, ANDREW J. ELLIOT, AND ROBERT A. BARTON	568
28	Color and face perception IAN D. STEPHEN AND DAVID I. PERRETT	585
29	Eating with our eyes: on the color of flavor CHARLES SPENCE	603
30	Non-visual effects of colored light MARK S. REA AND MARIANA G. FIGUEIRO	619
Part VIII Psychological effects on color perception		
31	Memory effects on color perception CHRISTOPH WITZEL AND THORSTEN HANSEN	641
32	Affect-related influences on color perception MICHAEL D. ROBINSON, TIANWEI LIU, AND JESSICA L. BAIR	660
Part IX Color phenomena		
33	Color appearance phenomena and visual illusions GARRETT M. JOHNSON	679
34	Synesthetic experiences of color JAMIE WARD	703
	<i>Index</i>	715