

Contents

1 Sensual Touch: A Slow Touch System Revealed with Microneurography	1
Åke Vallbo, Line Löken, and Johan Wessberg	
2 Functional Properties of C-Low Threshold Mechanoreceptors (C-LTMRs) in Nonhuman Mammals	31
Mark Pitcher, Claire Le Pichon, and Alexander Chesler	
3 Cell Biology of Tactile Afferents	49
Rebecca P. Seal and Ellen A. Lumpkin	
4 Visualization of the Cutaneous Axonal Endings of CLTMs	61
Vincenzo Donadio	
5 The Peripheral Processing of Pleasant Touch in Mice.	69
Sophia Vrontou	
6 The Touch Landscape.	85
Rochelle Ackerley, Helena Backlund Wasling, and Francis McGlone	
7 Some Historical Aspects of Cutaneous Psychophysics	111
Ulf Norrsell	
8 Psychophysical Assessment of the Sensory and Affective Components of Touch	129
Steve Guest and Greg K. Essick	
9 Processing of C-Tactile Information in the Spinal Cord	159
David Andrew and A.D. (Bud) Craig	
10 Insights from A-Beta or C-Fibre Denervated Subjects.	175
Jonathan Cole, India Morrison, Irene Perini, and Håkan Olausson	
11 Brain Processing of CT-Targeted Stimulation	187
Malin Björnsdotter	

12	CT Afferent-Mediated Affective Touch: Brain Networks and Functional Hypotheses	195
	India Morrison	
13	Brain Processing of Reward for Touch, Temperature, and Oral Texture	209
	Edmund T. Rolls	
14	Social Touch	227
	Alberto Gallace and Charles Spence	
15	The Neurochemical Basis of Motivation for Affiliative Touch	239
	Guro Løseth, Siri Leknes, and Dan-Mikael Ellingsen	
16	Affective Touch and Human Grooming Behaviours: Feeling Good and Looking Good	265
	Francis McGlone, Susannah Walker, and Rochelle Ackerley	
17	The Midas Effect: How Somatosensory Impressions Shape Affect and Other-Concern	283
	Annett Schirmer, Maria Teresa Wijaya, and Siwei Liu	
18	Intimacy and the Brain: Lessons from Genital and Sexual Touch	301
	Janniko R. Georgiadis and Morten L. Kringelbach	
19	Affective Touch from a Philosophical Standpoint	323
	Matthew Fulkerson	
20	The Effects of Touch	341
	Erin Hope Thompson	
21	The Touched Self: Affective Touch and Body Awareness in Health and Disease	355
	Antje Gentsch, Laura Crucianelli, Paul Jenkinson, and Aikaterini Fotopoulou	
22	Moderate Pressure Massage Therapy	385
	Tiffany Field	
23	Psychiatric Conditions and Touch	397
	Carissa J. Cascio	
24	Pain and Touch: Roles for C-Tactile Afferents in Pain Inhibition and Tactile Allodynia	409
	Jaquette Liljencrantz, Mark Pitcher, M. Catherine Bushnell, and Håkan Olausson	
	Index	421



<http://www.springer.com/978-1-4939-6416-1>

Affective Touch and the Neurophysiology of CT
Afferents

Olausson, H.; Wessberg, J.; Morrison, I.; McGlone, F.
(Eds.)

2016, XIII, 430 p. 93 illus., 56 illus. in color., Hardcover
ISBN: 978-1-4939-6416-1