

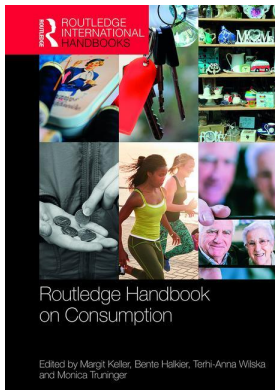
This article was downloaded by: 10.3.98.93

On: 22 Apr 2019

Access details: *subscription number*

Publisher: *Routledge*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: 5 Howick Place, London SW1P 1WG, UK



## **Routledge Handbook on Consumption**

Margit Keller, Bente Halkier, Terhi-Anna Wilska, Monica Truninger

### **Studying consumption through the lens of practice**

Publication details

<https://www.routledgehandbooks.com/doi/10.4324/9781315675015.ch3>

Alan Warde, Daniel Welch, Jessica Paddock

**Published online on: 28 Feb 2017**

**How to cite :-** Alan Warde, Daniel Welch, Jessica Paddock. 28 Feb 2017, *Studying consumption through the lens of practice from: Routledge Handbook on Consumption* Routledge

Accessed on: 22 Apr 2019

<https://www.routledgehandbooks.com/doi/10.4324/9781315675015.ch3>

**PLEASE SCROLL DOWN FOR DOCUMENT**

Full terms and conditions of use: <https://www.routledgehandbooks.com/legal-notices/terms>

This Document PDF may be used for research, teaching and private study purposes. Any substantial or systematic reproductions, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The publisher shall not be liable for an loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

# Studying consumption through the lens of practice

*Alan Warde, Daniel Welch and Jessica Paddock*

---

## Introduction

In this chapter we describe how the application of current popular theoretical interest in the concept of practice has affected the study of consumption.

Although the study of consumer behavior, grounded in psychology and economics, got underway earlier, the interpretive social sciences (anthropology, sociology, human geography, etc.) were slow to engage in empirical study of consumption. Prior to the 1980s normative macro-level critique was the dominant mode of engagement among sociologists; for instance, the Frankfurt School's analysis of mass culture and Veblen's notion of conspicuous consumption were frequently reiterated. The cultural turn in the humanities and social sciences from the 1970s had a huge impact on contemporary understanding of consumption. There was an explosion of interest in issues of lifestyle, identity, meanings, experience and taste. This led to more extensive empirical research. Consumption came to be celebrated rather than denigrated, underpinned by a robust defense of the virtues of popular culture and a proclamation of the value of the opportunities delivered by mass production for populations. Spearheaded by cultural studies, research concentrated on cultural communication, both on institutions like the media and the shopping mall, and also on how consumption expressed self-identity and group belonging. Most research was conducted in the light of cultural theories which, opposing both the utilitarian and the classical sociological norm-orientated models of social action, typically highlighted symbolic and cognitive structures and found the locus of the social in those structures. Consequently, while never totally eclipsed, the unequal distribution of resources and Bourdieusian concerns with distinction were minimized. Furthermore, the cultural turn, in emphasizing the role of the symbolic aspects of communication, tended to support a model of consumption that foregrounded the 'reflexive individualism' of the consumer (Warde, 2014).

## The development of theories of practice

Despite the burgeoning volume of empirical research, towards the end of the twentieth century social scientists seemed to get little closer to a satisfactory general or synthetic theory of

consumption. Recently, however, a sustained attempt was made to commandeer theories of practice as a potential source of re-orientation and synthesis.

Davide Nicolini (2012) offers the most comprehensive review of the current state of theories of practice which social scientists might employ. He notes the origins of the concept in the social philosophy of antiquity, but pays attention primarily to contemporary variants. His book is directed primarily to applications in the field of work and organizations, and hence some of the approaches which he identifies have no current significance for the analysis of consumption. Nevertheless, his classification of approaches is a sound starting point. He identifies six discrete bodies of theorizing: a praxeological approach, which he associates with Pierre Bourdieu and Anthony Giddens; the ‘communities of practice’ tradition associated with Etienne Wenger; cultural historical activity theory (CHAT) deriving from Marxism and Lev Vygotsky; ethnomethodology, which seeks to account for the practical accomplishment of everyday life; the ontological theory of the philosopher Theodore Schatzki, which draws on Heidegger and Wittgenstein; and theories of discourse deriving from the work of Michel Foucault. These are in many ways different and it is therefore hard to say what theories of practice hold in common. Nicolini suggests that their implications for methodology and empirical investigation are similar. Schatzki (2001), asking himself the same question, said, ‘Practice accounts are joined in the belief that such phenomena as knowledge, meaning, human activity, science, power, language, social institutions and historical transformation occur within and are aspects of components of the field of practices’ (2001, p. 2). He adds that a central core conception is that practices are embodied, materially mediated arrays of human activity centrally organized around shared practical understanding which depend on shared skills or understandings (2001, pp. 2–3). The scale of the problem of integration is, however, indicated by Schatzki’s remark that practice theory has proved appealing for proponents of post-functionalism, post-structuralism and post-humanism! Of Nicolini’s six approaches, neither Wenger nor Vygotsky have had much impact on studies of consumption, but the others crisscross the field.

Bourdieu and Giddens operated with post-Marxist, primarily sociological, theories of praxis or social praxeology. Practice theories were one source of critique of the dominant structural-functionalist framework which had pervaded American sociology and which emphasized value consensus as the basis of social order. Bourdieu and Giddens were authors dealing with central problems of social theory, most clearly the unresolved oppositions between structure and agency, and holism and individualism (see Rouse, 2007). Bourdieu’s *Distinction* (1984), his major study relevant to consumption, was couched in terms of a theory of practice, but the empirical analysis used concepts of habitus and capitals to understand taste and the distribution of cultural capital (see Warde, 2016). Giddens’s early work (1984) made practice central to his theory of structuration, but later work discussing lifestyles (1991) tended to emphasize choice rather than the constraints presented by practices. The legacy of these two authors is very visible in subsequent empirical research on consumption.

Somewhat less evident is the legacy of Foucault, who was an important influence on the wider ‘cultural turn’. The appropriation of his work in the Anglophone world initially tended towards what Reckwitz (2002a) terms ‘textualism’, in which the linguistic is privileged. More recently, and especially following the publication in 2004 of his late College de France lectures, the ‘Birth of Biopolitics’ and ‘Security, Territory, Population’ (Foucault, 2004a, 2004b), there has been a growing appreciation of his distinctive approach. In his later works he was especially concerned with heterogeneous apparatuses of discourses, practices and institutional arrangements (‘dispositifs’) and the congruence of practices of self-conduct and techniques of power in ‘governmentality’ (Collier, 2009).

A third set of resources for the renewal of theories of practice was found in SSK (the sociology of scientific knowledge) and STS (science and technology studies). Both contested dominant views of the nature of pure and applied science. SSK offered a radical critique of the philosophy of scientific knowledge. Observational study of the mundane processes of scientific investigation and reportage poured considerable doubt on idealized Enlightenment representations of both the procedures of investigation and status of science (Latour and Woolgar, 1986). While previous standpoints assumed that technologies were firmly subordinated to the pursuit of human objectives, STS emphasized that technologies shape, steer and script people's activities. Problematizing voluntarist accounts, technologies can be seen not only to empower individuals, but also to take over projected futures, to determine what is worth accomplishing, and to prescribe ends to which human endeavor should be directed. The strong version of the account, in Actor Network Theory (ANT), is controversially post-humanist. ANT demands symmetrical treatment of persons and things. Agency is not solely the prerogative of people, but a function of intricate networks of objects and persons wherein people's relationship to their material possessions, and their uses of things, is at least as important as their symbolic meanings. The increasing attention paid to the materiality of the objects which circulate as commodities in modern economies allows things themselves to be traced, their effects isolated, their biographies written, and their contribution to everyday life, for example in cementing social relationships and organizing household activity, to be documented. Material culture studies, promoted most notably by Daniel Miller (e.g. 2008), further elaborated the importance of things for studies of consumption specifically.

The end of the 1990s saw self-conscious and programmatic concentration of academic endeavor around the concept of practice. While Bourdieu, Giddens and Foucault – the first generation of the revival (Bräuchler and Postill, 2010) – accorded the concept a foundational role in explaining social phenomena, they did not hold as a central intellectual objective the advancement of a theory of practice. A subsequent generation was more attentive to theory development. A collection of essays, *The Practice Turn in Contemporary Theory* (Schatzki, Knorr Cetina and Savigny, 2001), was symptomatic of a determination to operate with theories of practice for their own sake. Theodore Schatzki, joint editor of this collection of essays, clearly sought an alternative to dominant forms of cultural analysis. The essays in the collection indicated some new theoretical contributions to the practice approach. STS was prominent, but the collection also drew a good deal on ethnomethodology and to some degree the sociology of culture. In association, two intricate and detailed volumes by Schatzki (1996, 2002) presented an extended social ontology in which practices are the locus of the social. His *The Site of the Social* (2002) was addressed to showing how his Wittgensteinian account could be relevant for social sciences. He came to have a major impact on studies of consumption partly because he was championed in two essays by Andreas Reckwitz.

Reckwitz (2002a, 2002b) located theories of practice in relation to dominant schools of cultural analysis, arguing primarily that the latter's focus on symbolic aspects failed to appreciate the material attributes of social life. This hinted at how the profound entanglement of consumption with culture might be unwound. Signs of discontent with the preponderance of attention in the study of consumption to culture were already in evidence. Campbell (1994) and Falk and Campbell (1997) argued against the tendency to treat consumption solely as a process of communication. Gronow and Warde (2001) coined the term 'ordinary consumption' to direct attention to those episodes of consumption which conveyed almost no symbolic meaning. Extrapolating the specific implications of this account of practice theory for consumption, Warde (2005) suggested that consumption might be better approached as a moment in practices rather than as acts of purchase. In particular, by observing social differentiation among the ways in which people engaged in practices it became possible to reconnect with sociological themes of distinction and collective identity.

## Debates within theories of practice

It is hard to specify exactly what different theories of practice have in common beyond a commitment to understanding social order and action as transpiring primarily through the medium of social practices (Schatzki, 2001). Put briefly, they challenge the role of individual decision making and ideas of consumer choice, and the underpinning alternative models of the sovereign and expressive consumer. As Warde (2014, p. 286) says, theories of practice emphasize different aspects of action usually obscured by cultural analysis by underscoring routine and sequencing (Southerton, 2013), dispositions, practical consciousness and embodiment (Wilhite and Wallenborn, 2013), as well as the materials implicated in consumption (Shove, Pantzar and Watson, 2012). The appropriateness of these emphases has generated significant general debate. In the analysis of consumption, where Giddens, Bourdieu and Schatzki have had most impact on empirical investigation, a number of debates are currently live.

## The legacy of Giddens and Bourdieu

Giddens (1984) was initially found appealing because his clear and elegant account of the duality of structure appeared to solve the structure–agency problem. His emphasis on routinization and on the role of practical rather than discursive consciousness provided a background against which to explain inconspicuous, regularized and repetitive episodes of consumption. However, Giddens did not pursue further themes about practice after his major contribution in 1984, and actually he became more interested in the expressive aspects of lifestyles, stressing reflexive and voluntary engagement. Moreover, his concepts rarely seemed to throw new light on explanatory problems. So while both Shove (2004) and especially Spaargaren (2003) and Spaargaren and Vliet (2000) wrote instructively about issues of sustainable consumption against the framework of structuration theory, few of their valuable insights seemed to be directly attributable to the theory. Gradually, as studies of consumption began to recognize more roles for the body, habits and material devices, the categories of structuration theory had decreasing purchase. The associated dilemmas of reflexivity and routine, structure and agency, and practical and discursive consciousness remained relevant nevertheless.

Bourdieu was better equipped to deal with issues of habit and embodiment. His key concept of habitus stands for a set of, not necessarily conscious, predispositions and dispositions which people acquire as a function of their social location and experience (see Bourdieu, 1977 and 1990). Critics charge habitus with a tendency to pander too much to processes of reproduction rather than change, but it nevertheless captures vital aspects of the capacity for people mostly to be able to continue to operate fluently and confidently on a daily basis without need to pause to deliberate or make conscious decisions. It captures many automatic, repetitive and distracted aspects of daily conduct which subtend patterns of consumption. Bourdieu also typically emphasizes the role of collective actors as a source of dynamism, and locates them and their practices within the ‘games’ that define stakes and allocate rewards within social fields. His concepts make it easier to think of practices as entities rather than simply an aggregate of discrete performances. Many applications of practice theory go no further than describing performances, thus ignoring the ways in which practices may be organized and coordinated. Whether practices are best considered entities, just such a strong version is proposed by Schatzki (1996, 2002) and Shove et al. (2012), or whether they are merely the sum of multiple performances is one point of dispute. Methodologically, how best to access performances and practices is a subsidiary controversy.

Neither Giddens nor Bourdieu paid a great deal of attention to technologies, infrastructures, objects and machines, which they treated as instruments employed by human agents going about

their daily practice. However, many in the early twenty-first century propose that the objects and devices of material culture exert a significant determining, and partially autonomous, role in patterns of behavior. How much power to attribute to material artefacts is now a major source of disagreement. The post-humanist strand of practice theory and much analysis in STS find that machines script performances. The strong Actor Network Theory version proposes that people and things should be treated in an equivalent manner when explaining social processes (Latour, 2005). Schatzki (2002) is skeptical of the post-humanist position and addresses material phenomena by making a distinction between practices and material arrangements, thereby to signify the importance of objects and technology. Who or what exercises agency – individuals, collectivities, objects – remains an active field of debate.

### Competence or teleology?

An important contribution of contemporary theories of practice for the study of consumption has been to understand the organization of human activity as nexuses of generic types of components (e.g. Schatzki, 1996, 2002; Shove and Pantzar, 2005; Shove et al., 2012; Warde, 2005). Such a conceptualization of the heterogeneous arrays of ideational, discursive, material, embodied and affective elements that compose practices typically places them into discrete conceptual categories. Schatzki (2002, p. 86) conceives of practices as being made up of ‘practical understandings’ (‘know how’, understanding ‘how to go on’ with an activity); ‘rules’ (explicit directions, instructions, admonishments etc.); ‘teleoaffective structures’ (normatively ordered arrays of ends, orientations, and affective engagements); and ‘general understandings’, which are common to many practices and condition the manner in which practices are carried out. Shove et al.’s (2012) widely reproduced model offers three elements, ‘meanings’, ‘competences’ and ‘materials’. Models of generic components do much useful conceptual work and have afforded methodological and analytical innovation (see Browne, Pullinger, Medd and Anderson, 2013; Halkier and Jensen, 2011; Halkier, Martens and Katz-Gerro, 2011). Equally, however, such schemas inevitably inflect understandings of praxis *per se*. Shove et al.’s (2012) foregrounding of ‘competence’ tends to occlude the end-orientation of activity (teleology), by emphasizing the competent performance of practice as an end in itself. Schatzki’s (2002) highlighting of ‘teleoaffective structure’, by contrast, emphasizes ends and purposes as the prime axis of praxis, as well as affective and motivational engagement (cf. Schatzki, 2010). Schatzki’s category ‘general understandings’ also gestures towards the conditioning of practices by discursive formations that possess their own forms of organization exogenous to those practices (Welch and Warde, 2016).

The contrast between Shove et al.’s (2012) emphasis on competence and Schatzki’s (2002, 2010) emphasis on teleology reveals different orientations towards the ends of practices. A focus on the competence of performance draws our attention to the practice as an end in itself. For some kinds of practice, perhaps particularly those readily thought of as skills, including many enthusiast or leisure activities pertinent to consumption (e.g. skateboarding, Nordic walking, hula-hooping), the emphasis on an internal orientation to competent performance may be appropriate. The performance of skateboarding, for example, may be orientated purely towards the end of developing skill as a skateboarder. However, there are many forms of activity where the practice is a means to another end rather than being the end in itself. Ends external to the specific practice are often simultaneously the object of multiple practices conjoined through the pursuit of that end. For example, practices of listening to music and following fashion, along with the adoption of a particular argot and engagement in specific types of leisure activity, may conjoin in the heterotelic pursuit of subcultural identity. A useful distinction can therefore be

made between two kinds of orientation: autotelic (activity having an end, purpose or meaning not apart from itself) and heterotelic (having an end, purpose or meaning outside itself). These orientations are not mutually exclusive, nevertheless, for subcultural members may get aesthetic enjoyment from music while skilled skateboarding can afford kudos amongst peers.

## Collective activity and politics

Considering the orientations of practices also helps us marshal a practice-theoretical account of purposive collective activity. The long history of consumer movements, where 'the consumer' has been mobilized in wider social and political fields, indicates the broad range of collective projects pertinent to consumption (Hilton, 2009; Trentmann, 2008, 2010). Studies of brand management within a broadly practice-theoretical framework reveal understandings of 'the consumer' as active co-producer of value and posit consumption as an economically productive activity, often framed through the Foucauldian concept of 'governmentality' (e.g. Arvidsson, 2007; Zwick, Donsu and Darmoddy, 2008). Parallel notions of governmentality appear also in the analysis of sustainable consumption (e.g. Rumpala, 2011) and accounts critical of the 'responsibilisation of the consumer' (e.g. Barnett, Clarke, Cloke and Malpass, 2011).

Governance projects also affect the integrity and autonomy of practices. Contemporary projects of governance often construct socio-technical objects, through (increasingly digital) processes of monitoring, feedback and statistical aggregation, which orient everyday practices, public discourse and institutional-organization arrangements. Shove et al. (2012, p. 110) see the socio-technical object of 'obesity' as 'simultaneously reproduced in "micro" and "macro" forms as data recorded on such humble instruments as bathroom scales are added, analysed and aggregated' into the datasets from which the World Health Organization formulates policy. Hence does moralizing public discourse find its way back to the bathroom scales.

## The interconnection of practices

A further pressing issue for practice-theoretical accounts is how practices relate to one another. If the social world is nothing but practices, understanding their interaction is vital. One can consider how much autonomy any practice exerts. Some practices are heavily dependent on the organization of others. They may be effectively subordinated to others, or highly inter-dependent within larger configurations or fields (e.g. economic, material, temporal, spatial). Also, collective projects frequently configure multiple practices towards a common end. Consequently, some practices will hold greater determining power than others for particular social phenomena. The scheduling and location of working practices, for example, strongly determines eating practices. However, exogenous temporal factors will exert less pressure on the consumption-related practices of enthusiast groups, which have relative autonomy from such institutional pressures. Whilst the scheduling of ballroom dancing or battle re-enactment will inevitably be subject to wider societal temporal patterns, endogenous factors play a greater role in explaining their trajectories.

## Applications of theories of practice to consumption

The substantial differences at the general theoretical level among competing schools often matter rather less at the operational level when employing concepts in empirical analysis. The insights of practice theory have, to date, been applied to a number of research areas in consumption including food preparation and eating (Halkier, 2009; Jackson, 2015; Warde, 2016), recreational

enthusiasms (Arsel and Bean, 2013; Pantzar and Shove, 2010; Spaargaren, Osteveer and Loeber, 2013) and listening to music (Magaudda, 2011). Attention is paid to the humdrum and functional properties of things, which Reckwitz (2002a) had complained were often neglected. Mundane activities like washing bodies and clothes (Shove, 2004), gardening (Hitchings, 2007), heating and cooling (Shove and Walker, 2014), using electronic devices (Røpke, Christensen and Jensen, 2010) and waste disposal (Evans, 2011) require generic commodities like water and electricity which are invisible to paradigms concerned with symbolic display and the presentation of self, and yet have much to do with environmental degradation. These raise issues of the mitigation of environmental effects which require changed patterns of consumption.

It is to this topic of sustainable consumption that we turn (see also chapter 30) in order to illustrate selectively how practice theory has been operationalized in empirical research (cf. Welch and Warde, 2015). We delineate three areas of focus – socio-technical evolution, temporal ordering, and the direct critique of a dominant policy paradigm.

First, in response to an external critique deeming practice theory weak when explaining social change, some research now goes beyond attention to micro-scale everyday life phenomena. Advocating a ‘systems of practice’ approach, Watson (2012) illustrates interaction between socio-technical systems and practice performances by considering interventions that could affect transition towards decarbonized transport. The key focus is the role of technology, materials and artefacts in reshaping elements of practice and how they connect with others (Shove and Spurling, 2013; Spurling, McMeekin, Shove, Southerton and Welch, 2013). In such fashion, Hand, Shove and Southerton (2005) explain the evolution of private showering through innovations in plumbing, heating and electrification. Novel technologies and infrastructures have thus enabled new ideas of comfort, cleanliness and convenience (Shove, 2003). Similar studies account for the domestic uptake of electric irons and washing machines (Gram-Hanssen, 2011), lighting (Jensen, 2013), mechanical cooling (Shove, Walker and Brown, 2014), cooking appliances (Truninger, 2011) and even low-temperature washing of laundry (Yates and Evans, 2016).

What each of these examples has in common in their empirical accounts of practice transformation is their concentration on technologies, artefacts and materials. This is not to say they afford greater power to these. Shove et al. (2012) argue that change and stability is best understood by how three elements of a practice are related, and in turn, how practices are related to each other. Home cooking, showering and driving each require materials (ovens, mixers, water pipes, cars and roads), competences (techniques, skills and practical knowledge) and meanings (aspirations, ideas and symbolic meaning). What may look like the diffusion of Nordic walking in Northern European countries is in fact a localized reinvention of ‘doing walking’ with a new artefact, the Nordic walking stick (Shove and Pantzar, 2005). At the next level, practices are dependent on their connection with others. Cooking and eating rely upon synchronization with working and travelling practices, not to mention the performances of other social actors, both proximate and distant.

Second, Southerton, Díaz-Méndez and Warde (2012) explain cross-cultural variation and the importance of understanding the temporal order of practices through a study of the timing of eating events in Spain and the UK. For commensality to occur, eating events must synchronize with the rhythms and routines of other practices. Temporality matters similarly to laundry where flows and sequences of activities in sorting, washing, drying, preparing and finally storing clean laundry are important. Underscoring these examples is the strength of habit and routine (Warde and Southerton, 2012), which are similarly studied in practices of eating (Warde, 2016), food growing in urban gardens (Veen, Derkzen and Visser, 2014), home energy consumption (Gram-Hanssen, 2011), control of ambient indoor workplace temperatures (Hitchings, 2011) and showering (Browne et al., 2013). The social patterning of routines and rhythms points not only to their



steadfastness but, under the right circumstances, their potential to be unlocked (Paddock, 2015), for the crossing points of practices may offer the most suitable opportunity for intervention.

Third, despite internal tensions within practice theory, it is generally agreed that empirical cases challenge the foundations of contemporary policy interventions aimed at changing consumer behavior. Novel approaches to policy intervention arise from frustration with ‘the ABC’ – attitude, behavior, choice – model (Shove, 2010; Welch, 2016). For example, the information deficit approach underpinning use of smart-energy monitors in the home is too simple, for making energy visible does not account for the dynamism of practices that demand energy (Hargreaves, Nye and Burgess, 2013). Strengers and Maller (2015) cite further examples extending from mobilities and low-carbon housing to the divestment of domestic goods. Such approaches typically neglect the ways in which the practices of domestic life are entangled with one another (Ozaki and Shaw, 2014). Crosbie and Guy (2008), examining changing household lighting practices, conclude that policies aimed at promoting energy-efficient lighting would benefit from enlisting support from wider industry stakeholders. Echoing this advice, while championing a practice theoretical approach to designing policy interventions, Vihalemm, Keller and Küisel (2015) argue that because practices in daily life are interdependent, so too must the policy programmes aiming to bring forth change. ‘Wicked’ policy problems, such as climate change, public health nutrition, alcohol and drug abuse, or obesity, demand multi-stakeholder, multi-issue approaches to intervention which aim, for example, to disrupt one or more practices or to substitute one element of a practice with another.

## Conclusions

Theories of practice have seriously challenged orthodox social scientific accounts of consumption. They raise controversial questions about an appropriate conceptualization of the relationship between mind, body, things, social context and action. They adopt an unconventional model of action which is bolstered from a distance by developments in cognitive neuro-science and pragmatist philosophy. To focus on habits, routines and conventions, and on embodied dispositions, disrupts the dominant ideology of consumer choice (Sahakian and Wilhite, 2014; Warde and Southerton, 2012). Some critics are suspicious that theories of practice cannot handle social change, especially macro-level change, although doubts have been assuaged by Shove et al. (2012) and Warde (2014). In fact, many studies have successfully deployed narrative forms of explanation to account for change within practices.

Many other questions remain open. Should practices be examined as entities with powers? How much emphasis should be attributed when analyzing performances to agency and deliberation, and how much to habit, social environment and practical sense? What are the methodological consequences: are some methods, for example observation and ethnography, to be privileged, or can all the methods and techniques in the social science toolbox be useful?

Practice theories have clarified these matters, although the returns to theory from the recent wave of empirical studies have yet to be consolidated. Internal disputes and external critiques continue to throw up unresolved theoretical issues. Meanwhile however, recent empirical inquiries have cast valuable new light on a range of activities, processes and political issues. Novel suggestions about modes of intervention, for instance for the purposes of mitigating the effects of climate change, have emerged. Hidden determinants of patterns of consumption have been revealed. The role of acquired goods and objects in the accomplishment of everyday activities has become clearer, as has the importance of embodied experience in the formation of tastes and behavior. The extent of possible innovation is not yet settled, but there can be little doubt that theories of practice have moved debates about consumption forward.

## References

- Arsel, Z. and Bean, J. (2013), 'Taste regimes and market-mediated practice,' *Journal of Consumer Research*, Vol. 39, no. 5, pp. 899–917.
- Arvidsson, A. (2007), *Brands: meaning and value in media culture*. London and New York: Routledge.
- Barnett, C., Clarke, N., Cloke, P. and Malpass, A. (2011), *Globalizing responsibility: the political rationalities of ethical consumption*. Chichester: Wiley-Blackwell.
- Bourdieu, P. (1977), *Outline of a theory of practice*. Cambridge: Cambridge University Press.
- Bourdieu, P. (1984), *Distinction: a social critique of the judgement of taste*. Cambridge, MA: Harvard University Press.
- Bourdieu, P. (1990), *The logic of practice*. Stanford, CA: Stanford University Press.
- Bräuchler, B. and Postill, J. (eds.) (2010), *Theorising media and practice*. New York: Berghahn Books.
- Browne, A. L., Pullinger, M., Medd, W. and Anderson, B. (2013), 'Patterns of practice: a reflection on the development of quantitative/mixed methodologies capturing everyday life related to water consumption in the UK,' *International Journal of Social Research Methodology*, Vol. 17, no. 1, pp. 27–43.
- Campbell, C. (1994), 'Consuming goods and the good of consuming,' *Critical Review: A Journal of Politics and Society*, Vol. 8, no. 4, pp. 503–520.
- Collier, S.J. (2009), 'Topologies of power: Foucault's analysis of political government beyond "governmentality",' *Theory, Culture & Society*, Vol. 26, no. 6, pp. 78–108.
- Crosbie, T. and Guy, S. (2008), '"Enlightening" energy use: the co-evolution of household lighting practices,' *International Journal of Environmental Technology and Management*, Vol. 9, no. 2, pp. 220–235.
- Evans, D. (2011), 'Blaming the consumer – once again: the social and material contexts of everyday food waste practices in some English households,' *Critical Public Health*, Vol. 21, no. 4, pp. 429–440.
- Falk, P. and Campbell, C. (1997), *The shopping experience*. London: Sage.
- Foucault, M. (2004a), *The birth of biopolitics: lectures at the Collège de France 1978–1979*. New York: Picador.
- Foucault, M. (2004b), *Security, territory, population: lectures at the Collège de France 1977–1978*. New York: Picador.
- Giddens, A. (1984), *The constitution of society: outline of the theory of structuration*. Cambridge: Polity.
- Giddens, A. (1991), *Modernity and self-identity: self and society in the late modern age*. Cambridge: Polity.
- Gram-Hanssen, K. (2011), 'Understanding change and continuity in residential energy consumption,' *Journal of Consumer Culture*, Vol. 11, No. 1 pp. 61–78.
- Gronow, J. and Warde, A. (2001), *Ordinary consumption*. London: Routledge.
- Halkier, B. (2009), 'Suitable cooking? Performances and positionings in cooking practices among Danish women,' *Food, Culture and Society*, Vol. 12, no. 3, pp. 357–377.
- Halkier, B. and Jensen, I. (2011), 'Methodological challenges in using practice theory in consumption research: examples from a study on handling nutritional contestations of food consumption,' *Journal of Consumer Culture*, Vol. 11, no. 1, pp. 101–123.
- Halkier, B., Katz-Gerro, T. and Martens, L. (2011), 'Applying practice theory to the study of consumption,' *Journal of Consumer Culture*, Vol. 11, no. 1, pp. 3–13.
- Hand, M., Shove, E. and Southerton, D. (2005), 'Explaining showering: a discussion of the material, conventional, and temporal dimensions of practice,' *Sociological Research Online*, Vol. 10, no. 2. Online article: <http://www.socresonline.org.uk/10/2/hand.html> Last accessed on 26/10/2016.
- Hand, M., Shove, E. and Southerton, D. (2007), 'Home extensions in the United Kingdom: space, time, and practice,' *Environment and Planning D*, Vol. 25, no. 4, pp. 668–681.
- Hargreaves, T., Nye, M. and Burgess, J. (2013), 'Keeping energy visible? exploring how householders interact with feedback from smart energy monitors in the longer term,' *Energy Policy*, Vol. 52, pp. 126–134.
- Hilton, M. (2009), *Prosperity for all: consumer activism in an era of globalization*. Ithaca, NY: Cornell University Press.
- Hitchings, R. (2007), 'How awkward encounters could influence the future form of many gardens,' *Transactions of the Institute of British Geographers*, Vol. 32, no. 3, 363–376.
- Hitchings, R. (2011), 'Researching air-conditioning addiction and ways of puncturing practice: professional office workers and the decision to go outside,' *Environment and Planning A*, Vol. 43, no. 12, pp. 28–38.
- Jackson, P. (2015), *Anxious appetites: food and consumer culture*. London: Bloomsbury.
- Jensen, C. L. (2013), 'Social practices in energy related transitions? The complex example of electrical lighting,' *UEA Working Paper Series*.
- Latour, B. (2005), *Reassembling the social: an introduction to actor-network-theory*. Oxford: Oxford University Press.

- Latour, B. and Woolgar, S. (1986), *Laboratory life: the construction of scientific facts*. Princeton, NJ: Princeton University Press.
- Magauffa, P. (2011), 'When materiality "bites back": digital music consumption practices in the age of dematerialization,' *Journal of Consumer Culture*, Vol. 11, no. 1, pp. 15–36.
- Miller, D. (2008), *The comfort of things*. Cambridge: Polity.
- Nicolini, D. (2012), *Practice theory, work, and organization: an introduction*. Oxford: Oxford University Press.
- Ozaki, R. and Shaw, I. (2014), 'Entangled practices: governance, sustainable technologies and energy consumption,' *Sociology*, Vol. 48, no. 3, pp. 590–605.
- Paddock, J. (2015), 'Household consumption and environmental change: rethinking the policy problem through narratives of food practice,' *Journal of Consumer Culture*. Online First, 1–18, doi: 10.1177/1469540515586869.
- Pantzar, M. and Shove, E. (2010), 'Understanding innovation in practice: a discussion of the production and re-production of nordic walking,' *Technology Analysis & Strategic Management*, Vol. 22, no. 4, pp. 447–461.
- Reckwitz, A. (2002a), 'The status of the "material" in theories of culture: from "social structure" to "artifacts",' *Journal of the Theory of Social Behaviour*, Vol. 32, no. 2, pp. 195–211.
- Reckwitz, A. (2002b), 'Toward a theory of social practices: a development in culturalist theorizing,' *European Journal of Social Theory*, Vol. 5, no. 2, pp. 243–263.
- Röpke, I., Christensen, T. H. and Jensen, J. O. (2010), 'Information and communication technologies—a new round of household electrification,' *Energy Policy*, Vol. 38, no. 4, pp. 1764–1773.
- Rouse, J. (2007), 'Practice theory.' *Handbook of the philosophy of science*. Paper 43, pp. 499–540. Division I Faculty Publications: WesScholar.
- Rumpala, Y. (2011), "'Sustainable consumption" as a new phase in a governmentalization of consumption,' *Theory and Society*, Vol. 40, no. 6, pp. 669–699.
- Sahakian, M. and Wilhite, H. (2014), 'Making practice theory practicable: towards more sustainable forms of consumption,' *Journal of Consumer Culture*, Vol. 14, no. 1, pp. 25–44.
- Schatzki, T. (1996), *Social practices: a Wittgensteinian approach to human activity and the social*. New York: Cambridge University Press.
- Schatzki, T. (2001), 'Introduction: practice theory'. In T. Schatzki, K. Knorr Cetina and E. Savigny (eds.), *The practice turn in contemporary theory*, pp. 10–23. London: Routledge.
- Schatzki, T. R. (2002), *The site of the social: a philosophical account of the constitution of social life and change*. University Park: Pennsylvania State University Press.
- Schatzki, T. R. (2010), *The timespace of human activity*. Lanham: Lexington Books.
- Schatzki, T. R., Knorr Cetina, K. and Savigny, E. (2001), *The practice turn in contemporary theory*. London: Routledge.
- Shove, E. (2003), *Comfort, cleanliness and convenience: the social organization of normality*. Oxford: Berg.
- Shove, E. (2004), 'Converging conventions of comfort, cleanliness and convenience.' *Journal of Consumer Policy*, Vol. 26, no. 4, pp. 395–418.
- Shove, E. (2010), 'Beyond the ABC: climate change policy and theories of social change,' *Environment and Planning A*, Vol. 42, no. 6, pp. 1273–1285.
- Shove, E. and Pantzar, M. (2005), 'Consumers, producers and practices: understanding the invention and reinvention of Nordic walking,' *Journal of Consumer Culture*, Vol. 5, no. 1, pp. 43–64.
- Shove, E., Pantzar, M. and Watson, M. (2012), *The dynamics of social practice: everyday life and how it changes*. London: Sage.
- Shove, E. and Spurling, N. (eds.). (2013), *Sustainable practices: social theory and climate change*. Oxon: Routledge.
- Shove, E. and Walker, G. (2014), 'What is energy for? Social practice and energy demand,' *Theory, Culture & Society*, Vol. 31, no. 5, pp. 41–58.
- Shove, E., Walker, G. and Brown, S. (2014), 'Transnational transitions: the diffusion and integration of mechanical cooling,' *Urban Studies*, Vol. 51, no. 7, pp. 1506–1519.
- Southerton, D. (2013), 'Habits, routines and temporalities of consumption: from individual behaviours to the reproduction of everyday practices,' *Time and Society*, Vol. 22, no. 3, pp. 335–355.
- Southerton, D., Díaz-Méndez, C. and Warde, A. (2012), 'Behavioural change and the temporal ordering of eating practices: a UK–Spain comparison,' *International Journal of Sociology of Agriculture and Food*, Vol. 19, no. 1, pp. 19–36.
- Spaargaren, G. (2003), 'Sustainable consumption: a theoretical and environmental policy perspective,' *Society and Natural Resources*, Vol. 16, no. 8, pp. 687–701.
- Spaargaren, G., Osteveer, P. and Loeber, A. (2013), *Food practices in transition: changing food consumption, retail and production in the age of reflexive modernity*. London: Routledge.

- Spaargaren, G. and Vliet, B.V. (2000), 'Lifestyles, consumption and the environment,' *Environmental Politics*, Vol. 9, no. 1, pp. 50–76.
- Spurling, N., McMeekin, A., Shove, E., Southerton, D. and Welch, D. (2013), *Interventions in practice: re-framing policy approaches to consumer behaviour*. Sustainable Practices Research Group Report, September 2013.
- Strengers, Y. and Maller, C. (eds.). (2015), *Social practices, intervention and sustainability*. Oxon: Routledge Earthscan.
- Trentmann, F. (2008), *Free trade nation: commerce, consumption and civil society*. Oxford: Oxford University Press.
- Trentmann, F. (2010), 'Multiple spaces of consumption: some historical perspectives'. In M. K. Goodman and M. Redclift (eds.), *Consuming space: placing consumption in perspective*, pp. 41–56. Farnham: Ashgate.
- Truninger, M. (2011), 'Cooking with Bimby in a moment of recruitment: exploring conventions and practice perspectives,' *Journal of Consumer Culture*, Vol. 11, no. 1, pp. 37–59.
- Veen, E. J., Derkzen, P. and Visser, A. J. (2014), 'Shopping versus growing: food acquisition habits of Dutch urban gardeners,' *Food and Foodways*, Vol. 22, no. 4, pp. 268–299.
- Vihalemm, T., Keller, M. and Kiisel, M. (2015), *From intervention to social change: a guide to reshaping everyday practices*. Farnham: Ashgate.
- Warde, A. (2005), 'Consumption and theories of practice,' *Journal of Consumer Culture*, Vol. 5, no. 2, pp. 131–153.
- Warde, A. (2014), 'After taste: culture, consumption and theories of practice,' *Journal of Consumer Culture*, Vol. 14, no. 3, pp. 279–303.
- Warde, A. (2016), *The practice of eating*. Cambridge: Polity Press.
- Warde, A. and Southerton, D. (2012), 'The habits of consumption,' *COLLeGIUM: Studies Across Disciplines in the Humanities and Social Sciences*. Helsinki Collegium for Advanced Studies, Vol. 12, pp. 1–25.
- Watson, M. (2012), 'How theories of practice can inform transition to a decarbonised transport system,' *Journal of Transport Geography*, Vol. 24, pp. 448–496.
- Welch, D. (2016), 'Social practices and behaviour change'. In F. Spotswood (ed.), *Beyond behaviour change*, pp. 237–256. Bristol: Policy Press.
- Welch, D. and Warde, A. (2015), 'Theories of practice and sustainable consumption'. In L. Reisch and J. Thøgersen (eds.), *Handbook of research on sustainable consumption*, pp. 84–100. Cheltenham: Edward Elgar Publishing.
- Welch, D. and Warde, A. (2016), 'How should we understand “general understandings”?' In A. Hui, T. Schatzki and E. Shove (eds.), *The nexus of practice: connections, constellations and practitioners*, pp. 183–196. London: Routledge.
- Wilhite, H. and Wallenborn, G. (2013), 'Articulating the body in the theorizing of consumption.' *Proceedings from the ECEEE 1999 summer study on energy efficiency in buildings*.
- Yates, L. and Evans, D. (2016), 'Dirtying linen: re-evaluating the sustainability of domestic laundry,' *Environmental Policy and Governance*, Vol. 26, no.2, pp. 101–115.
- Zwick, D., Donsu, S. K. and Darmoddy, A. (2008), 'Putting consumers to work “co-creation” and new marketing govern-mentality,' *Journal of Consumer Culture*, Vol. 8, no. 2, pp. 163–196.