Breadcrumbing in Romantic Relationships: A Conceptual and Theoretical Analysis

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ABSTRACT

Breadcrumbing is an increasingly recognized yet underexplored phenomenon in romantic relationships, particularly within digital dating contexts. Defined as the act of sending intermittent signals of interest without genuine intention to pursue a committed relationship, breadcrumbing overlaps conceptually with ghosting, orbiting, and other ambiguous relational behaviors. This article develops a theoretical and conceptual framework for understanding breadcrumbing in romantic relationships. Drawing on attachment theory, social exchange theory, and reinforcement principles, it explores the motives of breadcrumbers, the vulnerabilities of recipients, and the persistence of breadcrumbing dynamics. The article also situates breadcrumbing within a broader taxonomy of digitally mediated relational practices, examining its ethical implications, technological affordances, and potential consequences for individual well-being and cultural norms. Clinical considerations and directions for future research are provided.

Keywords: breadcrumbing, ghosting, orbiting, digital dating, attachment theory, intermittent reinforcement, romantic relationships.

BREADCRUMBING IN ROMANTIC RELATIONSHIPS: A CONCEPTUAL AND THEORETICAL ANALYSIS

The rise of digital technologies has transformed the initiation and maintenance of romantic relationships. Social media, instant messaging, and dating applications allow individuals to engage with partners and potential partners more rapidly and frequently than in the past (Navarro & Tudge, 2020). While these technologies facilitate connection, they also enable new relational behaviors characterized by ambiguity, inconsistency, and avoidance. One such behavior, widely discussed in popular media but only recently recognized by scholars, is *breadcrumbing*.

Breadcrumbing involves sending intermittent, noncommittal signals, "crumbs", to sustain another person's interest without genuine intent to invest in or advance the relationship (Collins, 2021). Unlike ghosting, which entails a complete withdrawal from communication, breadcrumbing keeps communication alive through sporadic contact. Unlike orbiting, which involves passive presence (e.g., liking posts or watching stories), breadcrumbing requires active, though minimal, engagement (Smith & Riley, 2022). By straddling the line between presence and absence, breadcrumbing exemplifies the paradox of modern intimacy: constant availability coexists with persistent emotional distance.

Conceptualizing breadcrumbing is critical for relationship science, as it reveals how power, desire, and intimacy are negotiated in digitally mediated environments. For breadcrumbers, the behavior may provide validation, control, or entertainment. For recipients, breadcrumbing often fosters cycles of hope, uncertainty, and disappointment. These dynamics can be fruitfully analyzed through theoretical perspectives including attachment theory, social exchange theory, and reinforcement theory, each of which illuminates different aspects of why breadcrumbing occurs and persists.

This paper provides a conceptual and theoretical account of breadcrumbing. It reviews existing conceptualizations, situates breadcrumbing in relation to similar behaviors such as ghosting and orbiting, applies key theoretical perspectives, and explores consequences for both breadcrumbers and recipients. The discussion considers ethical implications, digital culture and norm formation, clinical applications, and cross-cultural considerations.

Breadcrumbing can be defined as a strategy of *strategic ambiguity*. By offering minimal yet enticing signals of interest—such as occasional texts, compliments, or likes—the breadcrumber maintains another person's attention while avoiding relational investment (Romero, 2019). The behavior thrives in digital environments where communication can be low-effort, asynchronous, and easily withdrawn. Breadcrumbing occupies a middle ground within the taxonomy of ambiguous dating behaviors. Ghosting represents one extreme, involving total withdrawal and silence. Orbiting represents another form of low-investment connection, characterized by passive monitoring. Benching, a related concept, refers to keeping potential partners "on the sidelines" without pursuing them actively. Breadcrumbing differs from each of these by combining *active but inconsistent* engagement with persistent avoidance of commitment.

ATTACHMENT THEORY

Attachment theory helps explain both the motives of breadcrumbers and the vulnerabilities of recipients. Individuals with avoidant attachment orientations may engage in breadcrumbing to maintain autonomy while still receiving ego-affirming validation (Mikulincer & Shaver, 2016). By keeping partners interested but at a distance, breadcrumbers avoid the intimacy they fear. Recipients with anxious attachment orientations are particularly vulnerable, as they often interpret inconsistent signals as indicators of potential closeness. This dynamic perpetuates a cycle in which the avoidant breadcrumber controls the interaction, while the anxious recipient invests more heavily in pursuit.

SOCIAL EXCHANGE THEORY

Social exchange theory posits that individuals seek to maximize rewards while minimizing costs in relationships (Homans, 1958). For breadcrumbers, breadcrumbing provides high rewards (validation, attention, maintained options) at low cost (sporadic, low-effort communication). For recipients, the cost of remaining engaged is low compared to the perceived potential reward of eventual commitment. This asymmetry sustains the interaction but often leaves recipients at a relational disadvantage.

REINFORCEMENT AND INTERMITTENT REWARD

Breadcrumbing also aligns with reinforcement theory, particularly the principle of intermittent reinforcement. When positive signals (e.g., a message, a compliment) are delivered

unpredictably, they create persistent behavioral engagement (Ferster & Skinner, 1957). This mechanism explains why recipients often struggle to disengage: the unpredictability of the next "crumb" sustains hope, much like gambling sustains participation despite losses. Intermittent reward structures make breadcrumbing particularly powerful and difficult to resist.

EFFECTS ON BREADCRUMBERS AND RECIPIENTS

Although most attention focuses on recipients, breadcrumbing also has consequences for those who engage in it. Breadcrumbers may experience short-term benefits such as validation, reduced loneliness, and the maintenance of romantic options. However, habitual breadcrumbing can entrench avoidant relational styles, reduce opportunities for authentic intimacy, and damage reputations as unreliable partners. Over time, these patterns may hinder personal growth and the capacity for healthy, committed relationships.

Recipients of breadcrumbing commonly report confusion, frustration, and diminished self-worth (Navarro et al., 2021). Intermittent signals sustain hope and investment, making it difficult for recipients to disengage. This often exacerbates attachment insecurities, reinforcing cycles of anxious pursuit or avoidant withdrawal. Long-term consequences may include increased relational cynicism, difficulty trusting future partners, and symptoms of anxiety or depression (Smith & Riley, 2022). Breadcrumbing thus has significant psychological and relational costs, particularly for those already vulnerable to insecure attachment patterns.

Breadcrumbing is part of a broader cluster of digitally mediated behaviors characterized by ambiguity and avoidance.
- **Ghosting** involves complete disengagement, often leaving recipients without closure.
- **Orbiting** entails maintaining passive digital visibility without direct communication.
- **Benching** refers to keeping potential partners in reserve without advancing the relationship.

Breadcrumbing is distinct in combining active signals of interest with persistent avoidance of commitment. By situating breadcrumbing within this taxonomy, scholars can better understand how modern intimacy is shaped by technological affordances that enable strategic management of relational ties.

DISCUSSION

Breadcrumbing raises ethical concerns about relational responsibility and honesty. Breadcrumbers gain validation and control, while recipients bear emotional costs. The asymmetry of power—where one partner dictates the timing and intensity of contact—illustrates how digital behaviors can create inequitable relational dynamics (Collins, 2021). Ethically, breadcrumbing can be seen as a form of manipulation, even when rationalized as harmless flirtation. The affordances of digital platforms facilitate breadcrumbing. Dating apps and social media allow individuals to send low-cost signals of interest that can sustain attention indefinitely. Cultural trends toward casual dating and non-exclusivity further normalize ambiguous engagement (Romero, 2019). Over time, these practices may shift norms, making ambiguity and inconsistency appear acceptable, if not expected, in early-stage relationships. For therapists, breadcrumbing represents an important focus in addressing clients' relational distress. Interventions may include:

- Helping clients identify breadcrumbing behaviors and understand their dynamics.
- Educating clients on intermittent reinforcement and its effects on attachment and decision-making.
- Supporting recipients in setting boundaries and disengaging from unfulfilling connections.
- Addressing breadcrumbers' reliance on validation-seeking behaviors and avoidance of intimacy.

By integrating awareness of breadcrumbing into counseling, practitioners can better support clients' navigating digitally mediated relationships. Cultural norms influence how breadcrumbing is understood and experienced. In some contexts, indirectness in communication is valued, and breadcrumbing-like behaviors may be less stigmatized. Gender norms also shape breadcrumbing: women may disproportionately experience breadcrumbing as recipients, while men may engage in it as part of broader scripts of maintaining multiple romantic options (Smith & Riley, 2022). At a societal level, breadcrumbing reflects the commodification of intimacy. Dating apps frame potential partners as "options," encouraging low-investment engagement and making breadcrumbing both a product and a driver of relational precarity. Understanding breadcrumbing thus contributes to broader critiques of how intimacy is negotiated in late modernity.

Breadcrumbing exemplifies how digital technologies reshape intimacy through ambiguous and inconsistent patterns of engagement. Rooted in attachment insecurities, social exchange logics, and reinforcement dynamics, breadcrumbing sustains cycles of hope and frustration with profound consequences for both breadcrumbers and recipients. Positioned alongside ghosting, orbiting, and benching, breadcrumbing highlights broader cultural shifts toward ambiguity and strategic avoidance in relationships. Greater scholarly attention is needed to investigate breadcrumbing's prevalence, cultural variability, and long-term implications for relational well-being. Clinicians should integrate awareness of breadcrumbing into practice, supporting clients in navigating its psychological effects. Beyond its immediate dynamics, breadcrumbing serves as a lens through which to examine the evolving nature of intimacy, power, and connection in an era defined by digital mediation

References

Collins, J. (2021). The psychology of modern dating: Ambiguity, avoidance, and attachment. New York, NY: Routledge.

Ferster, C. B., & Skinner, B. F. (1957). Schedules of reinforcement. New York, NY: Appleton-Century-Crofts.

Homans, G. C. (1958). Social behavior as exchange. American Journal of Sociology, 63(6), 597–606. https://doi.org/10.1086/222355

Mikulincer, M., & Shaver, P. R. (2016). Attachment in adulthood: Structure, dynamics, and change (2nd ed.). New York, NY: Guilford Press.

Navarro, C., & Tudge, J. (2020). Emerging patterns of rejection and ambiguity in digital dating. Journal of Social and Personal Relationships, 37(8), 2142–2160. https://doi.org/10.1177/0265407520919461

Romero, L. (2019). Swipe culture: Intimacy and identity in digital dating. London, UK: Palgrave Macmillan.

Smith, R., & Riley, A. (2022). Digital ambiguity: The rise of breadcrumbing in online relationships. Journal of Contemporary Relationships, 11(2), 145–162. https://doi.org/10.1080