Possession and Morality in Early Development

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Abstract

From the moment children say “mine!” by two years of age, objects of possession change progressively from being experienced as primarily unalienable property (i.e., something that is absolute or nonnegotiable), to being alienable (i.e., something that is negotiable in reciprocal exchanges). As possession begins to be experienced as alienable, the child enters “moral space,” a socially normative and evaluative space made of perceived values that are either good or less good, and where accountability and reputation begin to play a prominent role. The aim of this chapter is to show the close developmental link between possession and morality.

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The development of a moral sense in children finds a particularly rich soil in the early inclination to possess and appropriate things to the self. The reason is that possession, more often than not, leads to conflicts that need to be resolved to sustain social life.

The goal here is to outline the way young children from various cultural backgrounds develop a sense of ownership and entitlement over objects and people, and how such development correlates with and possibly causes the emergence of a moral sense.

Conflicts over possession and entitlement are pervasive in the whole animal kingdom, from mockingbirds to hermit crabs, and obviously to any mammalian species. We are constantly fighting over territory, sexual partners, food, or any other resources that are scarce and have to be shared. What is arguably different in humans, however, is that such conflicts tend, most of the time, not to be resolved just on the basis of the “lion’s share” principle—the coercion of the strongest and the fittest. This is not to say that transcending of the lion’s share principle is unique to humans. Other animals show signs of it (see Brosnan, this volume; de Waal, 1996), but such transcending is particularly pronounced and explicitly promoted in all human cultures.

Human cultures evolved common principles and laws (institutions) that try to harness the raw dynamic of the jungle’s law. The major function of human cultures is to regulate possession according to explicit principles that enforce the distribution of resources beyond the raw coercive force of natural selection.

All human cultures prescribe what are the rights and privileges of ownership (who “ought” to own what). Such regulation is transmitted and modified from generation to generation, and children have to harness their own proclivity to possess by learning the rules and practices of the cultures in which they grow (see Noles & Keil, this volume).

**Brief Outline**

First, I will argue that there is an innate propensity to possess in children. What is proposed is that this propensity is probably the major mechanism by which children develop a moral sense, eventually the normative sense of what is right and what is wrong within their parental culture.

In support of this argument, I outline developmental changes in the psychology of possession that emerge between birth and five years of age. Six levels of possession are distinguished, unfolding from birth on. I will show that possession develops from being unalienable (i.e., absolute or nonnegotiable), to being alienable (i.e., tradable and negotiable in exchanges). A crucial point in this model is that when children begin to experience possession as alienable, they are forced to enter “moral space,” a socially evaluative space made of values that are either good or less good,
and where accountability and reputation begin to play a prominent role (Rochat, 2009; Taylor, 1989).

From this point on, children have to situate themselves in a new, normative space (moral space), and begin to take an ethical stance toward others, as well as toward the self in relation to others. This transition marks a change in children's appreciation of others' relations to objects. I provide examples of such progressive ethical effort in three- to five-year-olds growing up in highly contrasted cultural and socioeconomic environments around the world.

In all, the goal is to show that the conceptual notion of property and the moral sense deriving from it participates in the emergence of coconsciousness in children from approximately two to three years of age. Coconsciousness is the inclination to perceive oneself and the surrounding world through the eyes of others (Rochat, 2009).

**Introduction: Possession and Moral Sense**

Social life revolves around the sharing of resources that are typically scarce or “in demand.” More often than not supplies are limited. This is the basic economic premise of social life, as first pointed out by Adam Smith (1776/1977). For social life to be sustainable, individuals in a group are required to have some common understanding, or at least a shared “sensibility” as to who possesses what, why some possess more than others, and in general, where possession begins and where it ends. Some closure among social participants on the issue of possession and property is thus a necessary prerequisite of any social life, the cornerstone of what can be said to warrant group cohesion and ultimately survival of the group. It also forms the root of a moral sense.

For most social animals, it appears that possession originates primarily from coercion and the tacit recognition of the lion share principle (the strongest, fittest, and most assertive has precedence in possessing over others). In contradistinction, monkeys and great apes in particular are reported to transcend the natural pervasiveness of the lion share principle (de Waal, 1996). Some individuals of these species are shown to share food, barter grooming for protection, seek alliance via reconciliation, or engage in cooperative acts while hunting and foraging by pairs or in groups.

The meaning of such observations, particularly their interpretation and whether they demonstrate some principled social reasoning and basic moral sense, remains disputed (Silk et al., 2005). In contrast, one would be hard pressed to contest that humans are unmatched in their evolution of systems that formally determine who possesses what and why, and more importantly, who deserves it and who should have it. As diverse as human cultures are, all have in common institutions that formally sanction possession, from oral myths and etiquette to honor codes and courts of law.
These cultural institutions are a “sedimentation” of practices that evolved over generations providing guidance and shared collective principles in the just distribution of resources. They dictate some sense of what is right and what is wrong in possessing and sharing available resources, which is not motivated by fear, avoidance, or sheer dominance. They provide norms for agreements to be reached in the just distribution of property among group members.

A good measure of the need for the basic cultural sanction of possession is the fact that six of the Ten Commandments in the Old Testament pertain to the issue of possession and property: *Thou shalt not covet, not steal, not kill, not commit adultery, not bear false witness, have other gods*. All six have something to do with protecting what should be one’s own: life, wife, body, and truth. The question of what determines possession is an issue that is at the core of social life.

From antiquity onward, all great Western philosophers grappled with the issue of possession and property. It is also at the center of Eastern philosophies (i.e., all forms of Buddhism) that aim at the dilution of self with the world by primarily abandoning attachment to possessions. Philosophers and metaphysicians ask, “What determines and constitutes the essence of possession?” “What is owned or what can be claimed as such?” “What is it that I claim is mine as opposed to others?” In psychological terms, these questions translate to one question, “What are the mechanisms leading to the sense of possession, the claim of ownership, and eventually the notion of property?”

Developmental psychology can illuminate these perennial questions in a new way, providing some natural grounding for what might be the constitutive elements of possession in general, and claimed ownership and the notion of property in particular. With that in mind, I describe next the various kinds and levels of possession manifested by children in their development. The proposed developmental road map (model) outlines six levels that unfold in a chronological order between birth and five years of age. It represents a natural history of possession in early human development.

**Six Levels of Possession Unfolding in Early Development**

The proposed developmental model is summarized in Table 3.1. Six levels of possession are distinguished, in the chronological order of their emergence between birth and five years. Associated with each level are corresponding “kinds” of possession (the presumed psychological nature of possession at this level), as well as the corresponding subjective “self-experience” of possession the child might have at this level and the “process” or mechanism determining such experience.

What changes from one level to another is the psychological meaning of possession, one new meaning not erasing the preceding but rather
Table 3.1. Levels of Possession as They Unfold Early in Life in Order of Their Age Onset and Corresponding Psychological Kind, Subjective (Self-) Experience, and Underlying Psychological Process

<table>
<thead>
<tr>
<th>Possession Level by Age</th>
<th>Possession Kind</th>
<th>Self-Experience</th>
<th>Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implicit ownership I</td>
<td>Obligatory possession</td>
<td>Feeling of comfort and appeasing</td>
<td>Preference and orientation: Innate binding and latching onto preferred things</td>
</tr>
<tr>
<td>Level one (birth)</td>
<td>(Unalienable and nonconceptual)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Implicit ownership II</td>
<td>Acted possession</td>
<td>Feeling of agency</td>
<td>Perception and action: Owning the effects on objects and people of self-produced actions</td>
</tr>
<tr>
<td>Level two (two months)</td>
<td>(Unalienable and nonconceptual)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triadic transition III</td>
<td>Exclusive possession</td>
<td>Feeling of social control</td>
<td>Selective social attention: Attachment to particular people and familiar things</td>
</tr>
<tr>
<td>Level three (nine months)</td>
<td>(Unalienable and preconceptual)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explicit ownership I</td>
<td>Claimed property</td>
<td>Feeling of assertiveness</td>
<td>Identification: Self-affirmation and conceptualization</td>
</tr>
<tr>
<td>Level four (eighteen months)</td>
<td>(Unalienable and conceptual)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explicit ownership II</td>
<td>Trade property</td>
<td>Feeling of gaining</td>
<td>Self-maximizing: Recognition of trade and sharing power</td>
</tr>
<tr>
<td>Level five (thirty-six months)</td>
<td>(Alienable and conceptual)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explicit ownership III</td>
<td>Ethical property</td>
<td>Feeling of justice</td>
<td>Negotiation: Recognition of shared values</td>
</tr>
<tr>
<td>Level six (sixty months)</td>
<td>(Alienable and metaconceptual)</td>
<td></td>
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</tbody>
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Note. Each level is seen as adding to the other. In development, all these levels jointly form the psychological variables that determine the sense of possession, including the moral sense attached to it, becoming explicit and preconceptual starting at eighteen months of age, normative and metaconceptual by five years of age.
adding a new one, thus expanding the range of experience and ways of enacting possession. As a function of age, this range expands primarily because of growing social and cultural pressures regarding certain practices that parallel the growing autonomy of the child (e.g., practices of sharing, fairness, reciprocation). Children have to adjust and abide by these practices to control and regulate their situation in relation to others, a situation in which they become increasingly accountable for what they do or do not do. Social inclusion and basic affiliation needs would be the major factors driving such development.

The model assumes that each new level necessarily builds and leans on all those that preceded it, starting with the innate and obligatory proclivity to possess that comes from the immediacy of physical contact (latching on) evident from birth. Each new level would therefore necessarily entail the preceding levels, although these might not be sufficient for its emergence. The levels coexist: the latching propensities and the experience of comforts by newborns or the triadic sense of possession and the experience of social control emerging at nine months continue to operate all through the life span, but in a larger psychological landscape. The model captures the growth of this landscape. Next, I review each of the six levels providing some behavioral illustrations for each.

**Level one (birth).** Etymologically, possession comes from the Latin word “possidere,” which literally means “to sit or to put one’s weight or foot over.” Etymologically, it is an act of grabbing and forceful physical binding, an appropriation of an object by one’s own body. Literally, it is a physical act of power over things. Inversely, and as a case in point, one is qualified as being “possessed” when dominated by an occult power. At a basic semantic level, there is something irrevocable and automatic in what is captured by the term possession.

This is the first basic level of possession expressed by newborns in their innate propensities to latch and bind onto things that are nutritious (breast) or a source of warmth and comfort (soft, skin-like objects).

Infancy research of the past thirty years provides ample evidence that we are not born as just automata, simple “modular” responsive systems endowed with biologically prescribed reflexes. Rather than born lacking unity and in a disorganized behavioral state, we now know that newborns are best described as oriented and exploratory. Neonates are open-loop learning systems constrained by propensities to act as a function of preadapted action systems that tap into the resources of the environment necessary for the child’s survival outside the womb (see Reed, 1982; Rochat & Senders, 1991). These action systems include feeding (sucking), exploring (novelty preference and habituation), orienting (guiding of action toward meaningful resources), or proximity seeking (maintenance of care, warmth, and comfort). Newborns learn quickly, predict outcomes, and can be selective based on past experience. More than reflex machines, they are constantly redefining their field of phenomenal experience in learning and
becoming more proficient in their propensities to act (Rochat, 2001). For example, immediately after birth, infants show more sustained visual attention and orientation to face-like displays, compared with any other objects in their environment (Johnson, Dziurawiec, Ellis, & Morton, 1991). They discriminate and show preference for the voice as well as the smell of their mother’s milk or amniotic fluid, compared with the voice, milk, or amniotic fluid of a female stranger (DeCasper & Fifer, 1980; Marlier, Schaal, & Soussignan, 1998a, 1998b). All these facts demonstrate that we are born orienting and discriminating in relation to particular features and objects of the environment.

The selective nature of newborns’ behavior suggests that they are capable of possession in the minimal sense of grabbing, latching onto things, and forceful physical binding, an appropriation of an object by one’s own body. Probably the most telling example of level one possession is the highly predictable neonatal rooting response toward the breast or any other mouth-able objects that comes in contact with the infant’s cheek. The infant tends to orient systematically toward this object with the goal of orally latching onto it (Blass, Fillion, Hoffmeyer, Metzger, & Rochat, 1989). The oral latching of the neonate to the breast or any other mouth-able object corresponds to possession in the minimal sense proposed here. Note that this act of possession is selective, as newborns root differentially toward an external object touching their cheek compared to their own hand. They also latch less when the object is eccentric in shape compared to the biological nipple (Rochat, 1983, 1987; Rochat & Hespos, 1997).

At this first, starting-state level, the feeling of comfort and appeasing dominates the child’s sense of possession.

**Level two (two months).** If newborns show forceful physical binding with selected objects in the environment, they do not show yet a clear sense that they themselves are agents of their preferential binding. Evidence of such implicit (still nonconceptual) awareness emerges by the second month after birth (Level Two Possession, see Table 3.1).

Evidence of owning as a new process adding to the binding and latching of newborns emerges in parallel with socially elicited smiling in the child (Wolff, 1987), an effective response by which infants start to manifest an implicit sense that they themselves can cause changes in others: the ownership of their own actions and the effects they have in the responses of others. By two months, infants manifest first signs of social agency. The joy they express is more than the contentment we read in the “reflex” smiles of neonates following a good feed. It becomes contingent on the expressions of caretakers who tend to mirror and exaggerate the emotional responses of the child (i.e., affective mirroring; see Bigelow & Rochat, 2006; Gergely & Watson, 1999). By the second month, such smiles and other emotional expressions become “intersubjective” proper, an intrinsic part of reciprocal exchanges with others.
As they begin to smile socially and engage in face-to-face proto-conversation (Trevarthen & Hubley, 1978), infants also manifest an explicit awareness that they themselves are causing particular events or effects on people and objects. They begin to show ownership of their perceptual and sensory-motor experiences, eventually applying it to objects as “belongings” of such experiences.

For example, two-month-olds suck differentially on pacifiers that produce contingent sounds with pitch variation that are either analog or nonanalog to the pressure they produce on the pacifier (Rochat & Striano, 1999). By three months, infants also very rapidly learn to kick a mobile hanging over their crib, kicking then freezing to explore the result of their own kicking action (Watson, 1995).

Such explicit expressions of self-agency are not evident in newborns. In relation to possession, infants by two months manifest the sense of their own agency onto things. They come to develop the sense that they possess the perceptual effects of their own embodied actions. They show awareness of an ownership of the effect of their own actions. At this second level, the feeling of agency over people and things dominates the child’s sense of possession.

**Level three (nine months).** By the second half of the first year infants begin to manifest secondary intersubjectivity (Tomasello, 2008; Trevarthen & Hubley, 1978), communicating with others about objects in the environment. They newly engage in triadic exchanges: the developmentally fateful triangle that links self, people, and objects in the environment (Rochat, 2001).

By nine months infants initiate in novel ways the engagement of others when, for example, they adopt a sudden still face. They clap their hands, tap, and touch the other person to re-engage her (Ross & Lollis, 1987; Striano & Rochat, 1999). They manifest explicit bouts of joint attention toward objects, starting to point and grab objects to show to others.

At this level, infants break away from the primary context of face-to-face exchanges, becoming referential beyond the dyadic exchanges to include objects that surround the relationship. Social exchanges become object-oriented, literally “objectified” in addition to being the expression of a process of emotional coregulation.

In relation to possession, what is new is the fact that from then on, infants willfully try to capture and control the attention of others in relation to themselves by using objects they capture in the environment physically or by gesturing toward them. They begin to check back and forth between the person and the object they are playing with (Tomasello, 1995), or they begin to bring an event to the attention of others by pointing or calling for attention to share the experience with others.

What is new is that infants use objects to gain control over their social environment, to gain attention from others, and they are increasingly
enticed to share their experience with others. They also concomitantly develop a new sense of others as equal possessors. With this development, the child learns the social power of capturing and possessing objects. It is the power to gain social recognition and attention from others. This corresponds to a third “triadic transition” level of possession that unfolds in early development.

By the time infants (approximately nine months) start to engage in triadic exchanges and demonstrate secondary intersubjectivity, they also start to manifest a new fear of strangers, what Spitz (1965) labeled “the 8 month anxiety.” Such fear is expressed by the ostentatious display of clinginess and exclusivity toward the mother or the primary caretaker. Infants start to call for rescue, seek refuge, and are quick to protest when threatened with loss of her attention, another expression of their attachment.

By this age, infants become remarkably astute in detecting their mother as the object of exclusive predilection and attachment. For example, by seven to eight months, infants have the new capacity to discriminate their mother from a female stranger only based on the way she moves her head while gently talking on a video where contrast is inverted, making facial cues almost unusable (it is very difficult to recognize anybody on a negative photograph). They learned the particular motor signature of her head in motion, when all other cues are controlled for (Layton & Rochat, 2007). By eight months, infants develop a sophisticated ability to track their object of love.

Interestingly, at around the same time (end of the first year) infants begin also to manifest a sense of exclusive possession toward specific objects, what Donald Winnicott (1982, 1989) coined as “transitional objects.” For Winnicott, such objects of attachment are a psychological substitute of the mother and the control of her presence. Such exclusive possession helps the child to cope with separation, particularly when the child starts to crawl and walk, achieving new autonomous ways of roaming and exploring the world away from the secure base of the mother (Bowlby, 1969/1982). This level of possession is “preconceptual” because unlike level one or two possession that are nonconceptual, it is the source of clear and newly explicit categorization of objects and people for which infants start to have exclusive “fetishist” predilections, commonly turning into “fetishism” as in the case of transitional objects. On the other hand, it is not yet fully conceptual because it is still limited in its range, primarily focusing on the mother, at least in the Western context of an intact nuclear family environment.

At this third level, a feeling of social control would dominate the child’s sense of possession and “exclusivity” over certain things. Simultaneously, children also learn about others’ sense of possession by how they use objects to exert power and control over them in the context of triadic exchanges (e.g., joint attention via pointing, gazing, demonstrating, requesting, offering, or teasing).
The triadic transition occurring at nine months is instrumental in this development. It is at this point that infants discover the power of possessed objects in enabling them to gain social attention (emergence of joint attention and secondary intersubjectivity).

**Level four (eighteen months).** From the middle of the second year, children begin to explicitly recognize themselves in mirrors; for example, reaching for a mark surreptitiously put on their faces that they discover while looking at their mirror reflection (Amsterdam, 1972; Lewis & Brooks-Gunn, 1979). By twenty-one months, as children become proficient speakers and as the volume of their vocabulary explodes, their mouth also becomes full of personal pronouns and adjectives like “I,” “Me,” but also “Mine!” (Bates, 1990; Tomasello, 1998).

Beyond attachment and explicit exclusivity expressed toward familiar persons, including “transitional” objects, by two years children (at least in an industrial Western culture like the United States) start to claim possession of most things they feel threatened to lose, particularly in a situation where they have to compete with playmates or siblings. Such behavior is part of the so-called terrible twos, a period marked by frequent tantrums and fights to possess things, aside from common stubbornness and the inclination to take off to escape control, monopolize attention, and ultimately gauge their own situation in relation to others.

Level four possession can be seen as a redescription of what happened at level two, but applied to objects instead of actions (owning objects instead of owning the effects of embodied actions shown at two months). By eighteen months, the child applies what he established at level three, namely the power of objects to control social attention. Now, the child literally incorporates this power to the self by claiming that it is “mine!,” also meaning that it is “not yours!.”

What is new at this level is that the child explicitly projects herself or himself into the object, identifying with it. “That” object is now publicly recognized as an extension of “Me.” As opposed to the preceding levels of possession, level four is conceptual in the sense that the possession is recognized and explicitly identified as an extension of the self. Because it is recognized and publicly identified, possession is now elevated to the new conceptual level of property. The affirmation of self and the identification of “Me” as proprietor of the object characterize this new level of possession.

The trademark of level four possession is thus the absolute, self-proclaimed identification of the child as proprietor. The claim possession is self-elevating and self-magnifying in relation to others. When the child begins to say “Mine!,” it is primarily self-asserting, the primary message being that it is nobody else’s.

At this fourth level, the feeling of self-assertiveness dominates the child’s subjective experience of possession as property, still construed by the child as unalienable.
It is only progressively that the child will develop the central notion that objects that are possessed gain additional social power by being brought into a space of exchange. This is the major progress emerging with the last two levels of possession.

**Level five (thirty-six months).** Based on recent research on sharing in preschool children from various cultures and socioeconomic backgrounds, the transition from unalienable (absolute) to alienable (tradable) possession occurs universally starting at three years of age (Rochat et al., 2009).

The notion of possession, from being by the end of the second year primarily a claim of unalienability and self-edification (level four), becomes alienable and shareable. Children discover the social power of possession in the context of exchanges (Faigenbaum, 2005).

When asked to share possession of valuable goods (e.g., food or toys), two-year-olds often experience it as a loss and a threat. They show resistance. Potential returns or exchanges are under their radar, not yet a considered option. Things change by three years of age. Children understand exchange and trading. However, they start with a marked trend toward self-maximizing gains in such trades (a lot for me and a minimum to others). This starting trend appears universal even if it is more or less prevalent across cultures (Rochat et al., 2009). If children do understand the alienability of possession, there are still remnants of the absolutist, unalienable sense of possession characterizing level four.

For example, in one study we enticed three-year-olds to barter some stickers from their collection to obtain a much more valuable sticker from the experimenter (bigger, much more colorful and fancy). If the child accepted, the experimenter asked her to make a bid. Following the procedure, the experimenter then turned down the child’s bid, asking the child to make another one. What we found is that three-year-olds often make a second bid that is unchanged compared with the first one. They do not demonstrate an understanding of trading and what it would take to eventually conclude the exchange (i.e., make a different, higher bid; Rochat, Winning, & Berg, in preparation).

Three-year-olds do understand sharing but are not particularly inclined to practice it. They develop the notion that possessed objects can be given or exchanged, but their motive is strongly biased toward self-maximizing gains.

In another study, we asked children to split seven or eight candies between themselves and an experimenter, distributing the candies in their respective containers. After a few rounds, the experimenter then told the children that they were going to continue the sharing, but this time with a rule change: the child now had to make two piles of candies, with the experimenter choosing which pile she wanted (biblical or “perfect sharing” condition). We found that three-year-olds were significantly more equitable in their distribution in the perfect sharing condition compared with the one where they distribute the candies (Rochat et al., 2009). This
result clearly shows that children understand sharing, thus the alienability of what is possessed, but are very astutely guided by an absolute drive toward the self-maximizing gains. At this fifth level, the feeling of gaining dominates the child's sense of alienable possession.

**Level six (sixty months).** Level six of explicit ownership unfolds by five years of age with the development of ethical possession. The novelty of this level is that children understand and experience possession at a meta-conceptual level. They now factor what others might feel and think while trading with them. Children not only possess something that they construe as potentially tradable, hence alienable (level five), but also that a possession as property can be given or exchanged based on what other people want or need. They develop an explicit sense of justice. They also develop a sense of fairness that they assume is shared with others and should rule exchanges (see also, Blake & Harris, this volume; Friedman, Neary, Defeyter, & Malcolm, this volume).

At this level, children are less inclined to self-maximize when asked to share and consider what might be fair or “just” between themselves and another individual, or between third-party protagonists. For example, we found that children become explicitly selective in how they distribute resources between dolls that are described as either rich or poor, already possessing a lot or a little. By five years, children across cultural backgrounds (United States, Brazil, Japan, Samoa, or Vanuatu) tend systematically to favor the poor doll (Rochat, Lawler, & Berg, in preparation).

Level six possession emerges in parallel with the development of theories of mind when children begin to construe the belief and knowledge of others; for example, whether their beliefs are correct or false (Wellman, 2002). The development of theories of mind is robust and synchronous across cultures. Five-year-old children from all over the world understand that other people can hold false beliefs (Callaghan et al., 2005). At three years (level five), very few children do so.

The development of theories of mind ability is necessary for any negotiation of value in the trading of property to take place. Agreements on “What is worth what?” and “Who deserves what?” can only be reached if the protagonists have an ability to anticipate with appropriate accuracy what is on the mind of others (what they want and think, what they might need, or how attached they are to their possessions, i.e., some accurate theories of mind).

For example, five-year-olds become significantly more flexible in the bartering exchange of stickers, willing to raise or at least change their bid if it is turned down by the experimenter (see earlier; Rochat, Winning, & Berg, in preparation). At level six, children construe possession as alienable but at a novel “coconscious” level that factors not only self-experience, but also the feelings, thoughts, and experience of others (Rochat, 2009). At this last level, the feeling of justice dominates the child’s sense of alienable property.
Conclusions and Summary

Possession is deeply rooted in development, as it is deeply rooted in evolution. It is a central psychological issue expressed from birth. I tried to show that the psychology surrounding possession changes rapidly between birth and five years of age, following a chronology of six major levels. More levels could be distinguished based on a different and finer analysis. However, the developmental model presented here points to what I propose are the major changes in children's experience of possession, from being implicit and unalienable, to becoming explicit and alienable property.

The triadic transition occurring at nine months is particularly instrumental in this development. It is at this new level that infants show the first explicit signs of exclusive possession (stranger anxiety and transitional objects). It is also at the same time, and not haphazardly, that infants discover the power of possessed objects in enabling them to gain social attention (emergence of joint attention and secondary intersubjectivity).

From gaining social control they also gain the affirmation of who they are by claiming property at the next level (level four). However, the claimed or identified, hence conceptual property by eighteen months, brings with it much conflict and social tensions because it is still unalienable for the child. It is only at the next two levels (thirty-six and sixty months approximately), that children, constrained by the necessities of social exchanges, understand the additional social power that one gains by trading property.

Possession as property becomes alienable, and this opens up a completely new horizon of social cognitive progress, including the emergence of an explicit moral sense. Starting at five years of age, and contingent with the development of theories of mind capacity, children develop the sense of possession as ethical property. At this final level, children experience possession with the feeling of what is right and what is wrong. They begin to take an explicit ethical stance toward who should own what and why.

In conclusion, it appears that the innate inclination to latch on and desperately try to possess objects by assimilating them to the embodied self (via incorporation) might be the major source of the moral sense that children eventually develop when they reach school age.

The instinct to possess is obligatory, yet it is incompatible with a social harmony. Children transcend the dominance of coercive lion share principles that are pervasive in the social life of animals. Between birth and five years of age, they learn the social benefits of possessing, not just to defend and hold on to things, but to trade and exchange based on a shared understanding of practices and values.

If the ultimate benefits of the ethical stance that children take starting at age five are obvious, the proximate mechanisms driving children in this
development from birth remain largely unexplored. More empirical research is needed to illuminate the origin of possession and consequent morality.

References


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