

# Two Perspectives on Animal Morality

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## Abstract

Are animals moral agents? In this paper, a theologian and an anthropologist unite to bring the resources of each field to bear on this question. Alas, not all interdisciplinary conversations end harmoniously, and after much discussion the two authors find themselves in substantial disagreement over the answer. The paper is therefore presented in two halves, one for each side of the argument. As well as presenting two different positions, our hope is that this paper clarifies the different understandings of morality in our respective fields and will help to offset confusion in interdisciplinary dialogue.

In what follows, we each present our case. In the first section, Adam Willows argues that moral activity necessarily involves the use of reason, symbolic thought and language and is on that basis an exclusively human affair. In the second, Marcus Baynes-Rock discusses his experience of relationality with other creatures; a relationality which, he argues, creates a shared understanding of obligations which are characteristically moral.

**Keywords:** morality, animal, rationality, relationality, judgment, human, sociality

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## Part 1: Adam Willows

### Morality and rationality: only human?

Two children, Tom and Becky, are lost and trapped in a hole. They are exhausted and afraid, and Becky, the weaker of the two, is too tired to move. Tom provides Becky with food and water, and eventually they find a way to escape. They are saved.

Tom and Becky are mice, and their story is related in Chapter 4 of Mark Bekoff's *Wild Justice*. I have taken the liberty of naming them, however, after Tom Sawyer and Becky Thatcher from *The Adventures of Tom Sawyer* who find themselves trapped for days in a cave. The story above belongs both to the fictional humans and to their real-life murine counterparts.

Both Toms appear to have done a good thing in saving Becky. I think it would be fair, as Becky's father does, to "conceive a great opinion of Tom" (either Tom) and to declare that he is "no commonplace boy" (mouse). But when assessing the action of the Toms, there are two distinct courses to take. One is to say that these incidents are one example of the shared moral realms of justice, courage, praise and blame that many creatures - human and non-human alike - occupy, albeit with some species-specific differences in the *nature* of justice, courage and so on. The other is to say that there is some relevant difference between the two situations such that while we may approve of the action of Tom the mouse, such approval is not moral approval. Humans - but not other animals - operate in the moral sphere.

I am in sympathy with the second option, and it is my aim in this half of our paper to show why this is the more convincing alternative. To that end, I offer an analysis of the different uses of the term morality in our respective disciplines, and show that the two courses above are based on very different definitions of the term 'morality'. One definition focuses on socially established behavioural norms and allows non-humans to be moral agents. The other emphasises the normative force of rationality, and likely restricts moral agency to humans. While each definition refers to distinct phenomena worthy of theoretical and practical study, referring to both as 'morality' has the potential for profound confusion - a confusion which goes a long way to explaining the disagreement between our two fields. Rather than agree to disagree, I argue that the former definition fails to account for the unique human activity to which the latter refers.

### What does 'morality' mean?

To a certain extent our disagreement is one over terminology, and the impetus for this paper was borne out of the realisation over repeated discussions that, very often, biologists and anthropologists simply mean something quite different from philosophers and theologians when they say 'morality'. Here, for example, is Bekoff's definition: morality is 'a suite of interrelated other-regarding behaviours that cultivate and regulate complex interactions within social groups' (Bekoff and Pierce 2009, 7). Contrast this with Immanuel Kant's claim that 'all moral concepts have their seat and origin completely a priori in reason... just in this purity of origin lies their dignity', or Thomas Aquinas' view that acts are moral 'inasmuch as they proceed from the reason' (Kant 1997, 4:411; Aquinas 1948, 1a2ae 18:5). There may well be some overlap between these positions, especially in the behaviors identified as moral; nevertheless, I think it is clear that Kant and Bekoff do not have the same thing in mind when they talk about morality. In fact, I think this difference is indicative of a persistent divide in meaning.

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Consider these further accounts of morality from anthropologists. E. O Wilson's influential text *Sociobiology* says that 'Moral commitment is entirely learned... children simply internalize the behavioral norms of the society' (Wilson 1975, 562-563). More recently, primatologist Frans De Waal defines morality as: 'a compass for life's choices that takes the interests of the entire community into account'. Major philosophical and theological ethicists, on the other hand, suggest definitions like 'the use of reason to answer the worldview-shaping question "how should life be lived"?' (Chappell 2009, 3). *The Cambridge Dictionary of Philosophy* describes morality as 'an informal public system applying to all rational persons' (Gert 1999, 586).

It is generally accepted in all of these fields that morality – whatever it is – is somehow action-guiding or character-forming. Moral systems, facts, precepts or codes exert *some kind* of force on moral agents (whatever they are) such that moral agents are inclined to act, think and/or live in a particular way. The key difference, it seems to me, lies in what this force is taken to be, or from where it is believed to originate. This is not enough to provide a complete account of morality (there will be disagreements over exactly what this force governs) but it is enough to identify a key component. Call these different views R and S:

R: Morality involves or depends upon rationality.

S: Morality involves or depends upon social norms.

Note that neither R or S necessarily excludes the other; it is possible to say that morality is exclusively concerned with rationality or social norms, but also possible to say that it involves both. That we are social and political creatures is crucial to the ethics of rationalists like Aristotle, who begins his *Ethics* with the statement that his investigation 'is a kind of political science' (Aristotle 2004, 1094b 10). R and S should be seen as representative of a general difference in emphasis. Nor do I intend to homogenize either field. It is my understanding that many later anthropologists are in substantial disagreement with the basic ethical behaviorism of Wilson; and De Waal and Bekoff's view that reason is not a foundational part of morality *per se* does not prevent either from acknowledging that complex reasoning is a characteristic feature of human moral behavior. Disagreements certainly exist between philosophers, notably in the sentimentalist thought of Hume and Hutcheson and, more recently, Bernard Williams and Philippa Foot's attack on the institution of morality. Despite the internal differences, though, there seems to be a general focus within anthropology on the social as the ground of morality, whereas within philosophy and theology rationality receives at least equal billing.

## Who gets to be moral?

It should now be clearer why there is division over the restriction (or not) of morality to humans. If morality is primarily grounded in rationality, then it makes sense to think of it as a distinctively human trait. Reason or rationality here does not mean anything like promotion of self-interest, or dispassionate pragmatism (Korsgaard 2010). Instead it is the capacity for justifiable thinking, drawing valid conclusions and logical thought. Practical reasoning, often taken as a hallmark of moral action, is the application of the above to action. Human capacities – in particular language and symbolic thought – give rise to the kind of abstract and practical reasoning that is (on this account) required for morality (Tse 2008). Non-humans, lacking these capacities, cannot qualify as moral agents. This, however, is down to circumstance and not necessity: if non-humans *did* exhibit these capacities they would indeed be moral agents. Kant in particular takes pains to emphasise this point: it is rationality, not humanity, that makes the difference here (Kant 1997, 4:410-412).

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Note that R does *not* entail that social norms or emotions play no role in morality; it can recognize them as extremely important. It simply holds that reason is *necessary* for morality; not that it is sufficient – although stronger versions of R may indeed claim rationality as the primary or overriding component of morality. Nor does R require that reason always be exercised; merely that the agent possess the capacity to exercise it. This is a stronger theme in Aristotelian and Thomist virtue ethics than in Kantianism; the emphasis on the habitual nature of virtue means that we do not wholly govern them (Aristotle 2004, 1114a 10-25). Aquinas also thinks it possible that we bear responsibility in cases where we neglect reason (Aquinas 1948, 1a2ae 6.8).

On the other hand, if morality is grounded in social norms then it seems at least an open question whether it is restricted to humans. The question is, from what capacities are the relevant social norms derived? Human culture is unique in its complexity and depends on the human ability to create and share symbolic thought (Calcagno and Fuentes 2012). If symbolic thought, rationality or some other distinctively human capacity plays a formative role in moral social norms then morality will, after all, be restricted to humans. Alternatively, if any social structure will suffice, then creatures such as ants or shrimps will qualify as moral agents. I suspect that most adherents of S would agree that this stretches the term ‘moral’ beyond their intended usage, although given that the bounds of the moral are precisely what is at stake here I cannot deny that this is a position open to them. However, the best candidate for the origin of morally relevant social norms is emotion or particular affective states. Bekoff highlights animal capacities for ‘empathy, forgiveness, trust, reciprocity and much more’ and suggests that the difference between moral and non-moral creatures is down to ‘strong emotional and cognitive cues’ (Bekoff and Pierce 2009, 3, 13). That non-humans possess the capacity for these states will meet with little resistance. Alasdair MacIntyre notes that even thinkers who reject the presence of thought or belief in non-humans ‘are generally careful not to deny that non-human animals perceive, feel and in some cases give evidence of at least some intelligence’ (MacIntyre 1999, 13). Even Descartes, notorious for his view that animals are automata and censured by MacIntyre for his ‘silliness’ may in fact have thought that they were both feeling and conscious beings (Cottingham 1978).

The positions are now beginning to take shape. If R is correct, then morality is indeed distinctively human. If S is correct then morality may or may not be exclusive to humans, depending on the origins of moral social norms. Call this extended position S2:

S2: Morality involves or depends upon social norms and the relevant social norms are derived solely from capacities not unique to humans.

The best candidate for the origin of these social norms in S2 is emotion.

These positions are closely related to the debate between moral sentimentalism and moral rationalism. Moral sentimentalism covers several views but they all agree that ‘emotions and desires play a leading role in the anatomy of morality’ (Kauppien 2016). Moral rationalism instead gives this leading role to reason. S2 must reject rationalism; but it is not enough to simply embrace any kind of sentimentalism. It is little surprise that De Waal references Hume – probably the most influential sentimentalist – approvingly (De Waal 2006, 66). But Hume’s sentimentalism does not go far enough to support S2. Although he agrees that sentiment is ‘that which renders morality an active principle’, he thinks that

in order to pave the way for such a sentiment, and give a proper discernment of its object, it is often necessary, we find, that much reasoning should precede, that nice distinctions be

made, just conclusions drawn, distant comparisons formed, complicated relations examined, and general facts fixed and ascertained.

Although Hume ponders the possibility of a prototypical moral sense in some animals, he also thinks that humans possess a kind of moral judgement that animals do not (Beauchamp 1999). I think that Hume's sentimentalism represents a class of sentimentalists that will not do for adherents of S2. Although they agree that sentiment is the foundation for morality, they still give reason some kind of role such that it is necessary for morality. Fitting-attitude sentimentalists are another group in this class. Conversely, S2 requires that reason have no necessary role in morality at all – although note that S2 does not entail that reason cannot have a role in thought *about* morality.

I think there is a possible critique to my position here which would broaden the scope of S2. It goes like this: Morality is foundationally sentimental; human moral activity also involves reason, but this is not sufficient to represent a difference in kind between non-human and human morality. So we can refer to 'human morality' and 'hyena morality' as fundamentally similar activities/states, although (due to the exercise of reason) different in expression and the processes they involve. This is the view of De Waal, Bekoff and Pierce (De Waal 2006, 37-42; Bekoff and Pierce 2009, 139-141)

I am not convinced by this argument; I think that the presence of reason constitutes too stark a difference between human and hyena morality for the difference to be one of degree. However, I intend to leave it aside for now. Regardless of how accessible (or not) various kinds of sentimentalism are for S2, if rationalism is correct morality is indeed a distinctively human trait; and it is for the correctness of rationalism that I intend to argue.

## Being reasonable

Let me begin by looking at an inescapable part of moral agency: moral assessment. If I am a moral agent then I am open to assessment by moral standards. Whether those standards are diverse or united and whether they find their origin in moral facts, God, personal inclination, a social contract or none or all of the above can be put aside. Whatever morality is, if I take part in it I enter a world of praise and blame; good and bad; obligation and supererogation. I may flourish or fail to act in accordance with universal law. I may be cruel, kind, honest, thoughtless, altruistic, prideful, cowardly, just and much more besides (although probably not all at once). In other words, I have *moral responsibility*. To be a moral agent means being held to moral standards.

So what is it that is being assessed when an agent is judged by moral standards? I will begin by ruling out one possibility: we are not simply judging the event. This ought to be clear from the fact that quite different moral judgments can be formed about the same event. I rush into a burning building to save a child for its sake and the sake of its distraught parents. I am a courageous hero. I rush into a burning building to save a child for the sake of the TV cameras and the publicity which will help my political campaign. I am scheming and self-serving. Of course this does not mean that we cannot assess the action – good, in both cases – but there is something more going on as well. The *person*, as well as the deed, is in the moral dock. In other words, moral assessment has something to do with internal states. In this at least I am in agreement with my opponents. De Waal notes that 'In discussing what constitutes morality, the actual behavior is less important than the underlying capacities... whether animals are nice to each other is not the issue' (De Waal 2006, 16). In the second half of this paper, Marcus Baynes-Rock also stresses the point that significant differences between animal and human social behavior do not in themselves demonstrate that animals are not moral agents. I think this is correct – but just as behavioral differences are not necessarily a point

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against animal morality, nor are they a point in its favor. Action *per se* is not the primary focus of moral assessment.

Instead I suggest that what is under analysis is the agent's reason for acting: *why* they did or thought *that* rather than *this*. Different reasons for action are precisely what makes the difference in the example above. But note that not all reasons for action are of the same kind. In her influential work on intention, Elizabeth Anscombe says that there seem to be different kinds of reason or explanation for action (Anscombe 1956). Consider these explanations: 'I coughed because I had a tickle in my throat'; 'She jumped because of that bang'. Compare them to these: 'I gave them a raise because I wanted to reward them'; 'I came to cheer him up'. Anscombe thinks that we recognize a difference between these reasons. The latter kind invoke *intentions*; the former do not. Instead, Anscombe says that the former kind of reasons involve what she calls 'mental causes'. The distinction between intentional and non-intentional behaviour is highly significant in the history of philosophy; many thinkers, including Anscombe, identify the presence of intention as the difference between a simple bodily event or 'happening', and an action proper.

What is the difference between intentions and 'mental causes'? Anscombe (I think correctly) says that the difference between an intention and a mental cause is that the kind of reasons that are intentions involve consideration of the reason or the related action as something good or bad. At its heart this is a psychological point; it is rooted in the observation that when we act intentionally, we necessarily identify some kind of good towards which we act. Whether we are *right* that our action is aimed at something good, or whether there might be better goods to aim for, are open questions. Clearly we end up aiming at the wrong thing all too often. What Anscombe is saying here is that the aim of our action must on some level *seem* good at the time; intentional action involves desire of some kind.

In other words, intentional actions are aimed at something; and the selection of the target is what Anscombe is referring to when she says that intentions involve the consideration of good (something to be aimed at) or bad. Aquinas is another thinker who believes that a perceived good is necessary in order to form an intention or move the will; and in fact, he thinks that without an intention an event does not strictly speaking qualify as an action at all (Aquinas 1948, 1a2ae 8.1, 12.1, 18.9.). There is broad support for this view in modern action theory. Opposing thinkers like Harry Frankfurt and Donald Davidson typically agree that intentional acts are a special class of event, but disagree on *how* intention makes actions distinctive (Frankfurt 1997; Davidson 2001). Hume also relies on the observation that intention necessarily involves a perceived good in his account of action and morality; his sentimentalism stems from his view that the passions alone, and not reason, are responsible for volitions borne out of those perceived goods (Hume 2000, 2.3.3).

*This* is why moral assessment looks at reasons for action, and specifically intention: it is because that is where we find the agent's judgments about goodness and badness, and their choices to do with goodness and badness. Note that the intentional actions in my example above are precisely the kind of action that is open to moral assessment; whereas the 'mentally caused' actions are not. The observation that intention involves deliberation about goodness is behind the common philosophical view that moral goodness is to do with goodness of the will – present in Kant, Aquinas, and ancient and neo-Aristotelianism (Foot 2001, 14).

Also present in all of these traditions is a commitment to something approaching Kant's principle that 'ought implies can' (Kant 1998, A548/B576). This is the view that if we have a moral obligation it must be possible to fulfill that obligation; otherwise, we would not be obliged to do it. 'Obligation' is

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less fundamental to Aristotelianism than Kantianism; but when it comes to moral assessment both think that praise or blame only properly apply when we have a choice. Theologians like Aquinas typically think we incapable of freeing ourselves from original sin; but even there, the possibility of acting well (through divine infusion of the virtues) exists and he states that choice, part of moral action, 'is only of possible things' (Aquinas 1948, 1a2ae 13.5). A more sophisticated version of the principle which seems to me to be consistent with virtue ethicists like Aristotle and Aquinas holds that 'ought implies can' should be taken to mean that there is a possible world in which the moral obligation is fulfilled (or moral good achieved) (Donagan 1984). 'Ought implies can' is also at the crux of the intersection between ethics and free will theory; if we are not free, the thought goes, we cannot do otherwise and hence cannot bear moral responsibility (Van Inwagen 1999).

So where does all this get us? I have made three main points here. Firstly: Moral action and assessment is at least in part to do with reasons for action. Secondly: The relevant reasons for action necessarily involve an identification of goodness/badness. Thirdly: Moral action and assessment implies the presence of choice, or alternate possibilities.

From these I suggest that moral activity necessarily involves *deliberation about reasons*. As R. M. Hare points out, this process of deliberation is essentially rational, because it requires an understanding of and comparison between the nature and implications of different choices and reasons (Hare 1979). The word 'deliberation' here should not be taken to imply that moral action requires protracted conscious consideration; many rationalists allow that moral reasoning can be intuitive or the product of habit. What matters is the awareness and assessment of different reasons for action. The process itself can be very brief.

When we assess someone morally we are assessing what reasons for action they identified as good. Does the good that they identified in forming their intentions match up to what we consider to be the true good (whatever that is)? This process of deliberation is the practical reasoning discussed above. For both Kant and Aristotle it is the foundational moral activity, although they have different conceptions of its scope. It is practical reasoning that I take to be distinctively human, and practical reasoning that makes the connection between moral goodness and rationality. To borrow Foot's comment on this subject: 'The discussion has been about human goodness in respect of reason recognition and reason following, and if that is not practical rationality I should like to know what is' (Foot 2001, 13).

MacIntyre makes the same point:

Human practical rationality certainly has among its distinctive features the ability to stand back from one's initial judgments about how one should act and to evaluate them by a variety of standards... Where my reason for acting is or has been of the form 'doing x will enable me to achieve y', where 'y' stands for some good, reflection on this reason will require me to ask 'In this situation do I have a better reason for acting than that doing x will enable me to achieve y?'

MacIntyre thinks, and I agree, that this process of reasoning requires uniquely human capabilities, including language use and symbolic thought. This is the kind of rationality discussed above. Without it it is not possible to deliberate about reasons for action. I have argued that deliberation about reasons for action is fundamental to moral activity and is what we look for when we make moral judgments. Position R above is correct; rational thinking, specifically prudence, is necessarily part of morality; and this makes morality distinctively human.

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'Correct' here can only reach a certain standard. I am convinced by rationalism because I think that without reason particular capacities, actions and states cannot exist; and I take those capacities, actions and states to be necessary components of morality. It is open to my opponent to bite the bullet and deny that morality does require any such thing. If he does so then we really will have reached an impasse; a breach in meaning such that the best we can hope for is mutual awareness but not agreement. Should this happen I simply note that whatever we choose to call it, humans *do* exhibit a capacity for rational deliberation about action and intention that significantly distinguishes them from non-humans; and I take this difference to be stark enough that it deserves its own name. I suggest 'morality'; but it is up to the reader to decide.

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## PART 2: Marcus Baynes-Rock

### Morality in animals

#### Introduction

The question of animal morality is elusive in no small part because there are more than two positions in the debate. Conspicuous among these positions is that of Bekoff and Pierce. They hold that animals are indeed capable of morality and they employ numerous examples of animals behaving apparently morally to support their case (Bekoff and Pierce 2009; Bekoff 2005). Their position appeals to me because it gives a descriptive account of animal morality with normative elements. For example the descriptive element sees morality include not just values that align with human values (Shapiro 2006), it allows for say wolf morality to encompass what it is to be a good wolf. But at the same time its normative elements hold moral behaviour to be universally pro-social and other-regarding (Bekoff and Pierce 2009, 148). I do agree that moral behaviour must be other-regarding, however with regard to pro-sociality, if this implies sociality between beings of the same species then I think it is too narrow. In fact I would argue that moral behaviour can encompass acting with regard to more than just other beings; it can include regard for entire ecosystems (Leopold 1949). When I choose to take my paint thinners to the rubbish dump, rather than let it run into the stormwater drain, I am indeed acting pro-socially but, assuming my intentions are more than simply avoiding prosecution, I am also acting with regard to the geology and life forms that lie at the other end of the stormwater drain. However for the purposes of my argument I will focus on the moral consideration that one creature, whether human or otherwise, might have for another. It is in this space of interaction beyond one's species that I see morality as more than human.

Another position is that of Frans De Waal who argues for morality in animals based on evolutionary parsimony (De Waal 2014). De Waal is a primatologist so understandably he employs examples of apes and monkeys behaving morally to argue that humans are not the only moral species. Thus humans simply exhibit a scaled-up form of morality that is in essence no different from that of other animals. We adhere to a set of norms and values crucial to social cohesion and so do other social primates. Gary Francione calls this the similar minds approach and sees an underlying danger in this line of reasoning. By granting that certain animals have characteristics similar to humans they are given greater moral consideration (Francione 2005). Thus by setting humans as the yardstick by which morality in other species is measured, we consign those species to a lesser kind of morality and ironically undermine inclusion of animals in our moral spheres. In this I agree with Francione especially with regard to measures of sentience and language being used to determine moral consideration of other species (see also Deane-Drummond 2015, 265; Deane-Drummond, Arner and Fuentes 2016, 127). But I also diverge from De Waal's thesis in holding morality to be immanent in relations between moral agents regardless of species. In other words, my account leaves open the space for moral agency in other beings regardless of how closely related they are to humans.

Whereas my position in some ways aligns with those championed by Bekoff and De Waal, it is more directly opposed to that of Foot, MacIntyre and Korsgaard. This is known as the cognitivist position (Foot 1995). MacIntyre holds an interesting position in relation to De Waal in that he grants dolphins the same capacity as humans to identify in conjunction a set of reasons for action. But he holds that 'humans are different because we can evaluate our reasons for action for better or worse.' (MacIntyre 1999, 96). This is the essence of the argument for morality being exclusive to humans. It

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holds that there are goods to which humans should aim in order to be good 'qua humans' and that only through practical reason can humans arrive at judgements about to which good they should strive. These are therefore moral judgements. As for non-human animals, according to this argument, they are not capable of the necessary kind of practical reason – stepping back and assessing their actions – and therefore are incapable of morality. I have two reservations about this argument for morality based on moral judgements. One is the unfounded assumption that animals are wantons. This assumption is made frequently in the literature usually with a lot of hedging language, as animals don't 'seem' to have a capability for practical reason (Korsgaard 2010, 5-6). However, despite the fragility of this premise I want to set it aside in favour of my main reservation which is the slippage between morality and moral judgement. I concur with MacIntyre that there can be a set of goods that make one a good human or good dolphin and this is where I diverge from De Waal and Bekoff because I think that while altruism and cooperation might be moral for humans – in certain cases – I do not think that always hold for other animals. Animal morality may look quite different from what we, as humans, expect morality to look like, but that does not mean it is not morality. But I differ from MacIntyre in that I argue that morality is not only relational, it is in essence intuited and affective. Therefore, making judgements about intuitions and affects – as per the cognitivist position – is not morality, rather it is moral judgement. This is the categorical error that I suggest my dear colleague is making above.

For Christine Korsgaard, morality is a manifestation of what she calls 'normative self-government' (Korsgaard 2010, 6). This has parallels with MacIntyre's thesis which holds that it lies in practical reason. For Korsgaard the basis of morality lies in the capacity that humans have for theory of mind. Before we are capable of morality we must be able to identify in ourselves our own motives and reasons and make judgements about these. As such, animals are incapable of morality because according to Korsgaard they do not have a self-analytical capability that is a corollary of theory of mind. Korsgaard acknowledges that there is an element of wanting humans to be special in defining morality as uniquely human and this comes to undermine her argument. She says 'if altruistic and cooperative behaviour were the essence of morality then the ants and bees would be our moral heroes.' (Korsgaard 2010, 6). But this is entirely circular. There is no reason to find morality in ants and bees unpalatable other than the assumption that morality is a capacity only found in beings with reason – i.e. humans. As with my position in relation to Willows and MacIntyre, I argue that Korsgaard is in fact talking about moral judgements rather than morality and that we should not exclude other species from moral agency simply because of their comparatively lesser reasoning powers.

Jonathan Haidt argues that the cognitivist position is akin to an argument for the tail wagging the dog (Haidt, 2001). Whereas cognitivists hold that practical reason leads to judgements which motivate individuals to moral actions, Haidt argues that practical reason is in fact informed by moral intuitions and that it has a very limited influence in the other direction. Haidt buttresses his argument with a review of empirical research into morality and moral decision making. What emerges from the research is what Haidt calls a 'social intuitionist model.' (Haidt 2001, 1024). This model allows for reasoning to influence intuition but only in a very few cases; it is normally applied post hoc to judgements and actions based on intuition. The experiments show that whether or not there is time to reason moral judgements follow moral intuitions. Accordingly Haidt ascribes the system of intuited morality to 'all mammals' because his system has an innate basis and normally operates prior to and even contrary to practical reason (Haidt 2001, 1029).

An example of the empirical evidence for the social intuitionist model is a study from Joshua Greene and colleagues. These researchers presented moral dilemmas to their subjects and used fMRI scans

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to track the brain activity of subjects during their responses (Greene et al. 2001). The dilemmas presented were along the lines of the trolley dilemma. In one “personal” variant the subject was told that they could save five people from being run over by a trolley if only they pushed one person onto the tracks. In another “impersonal” variant they were told they could save five people from the trolley if they pulled a switch which diverted the trolley onto a track on which one person stood. What these researchers found was that in the ‘personal’ variant subjects were a lot slower to make the response of ‘appropriate’ than they were in the impersonal variant where the time to respond with appropriate or inappropriate was the same. Moreover the brain areas that showed increased relative activation during the response to the moral personal condition were areas associated with emotion. What this suggests is that these areas of emotional processing influence moral judgement and not vice versa (see also Glenn, Raine and Schug, 2009).

I subscribe to Haidt’s social intuitionist model insofar as it recognises the primacy of affect in moral agency and places practical reason in its rightful place. After all if practical reason held primacy then calculating psychopaths would be expected to act morally. But this is not the case because evidence shows that they lack the emotional brain activity necessary to make moral decisions (Glenn et al. 2001, 5). Where I must diverge from Haidt, however, is in how morality is defined. Here Haidt suggests that there are innate intuitions which form the raw material onto which cultural and social norms, which resonate with those intuitions, are overlaid. I do not find this overly problematic in itself, apart from the use of the term ‘innate’ which undermines the connections between genes and development. However, for the purposes of the argument presented here I suggest that this definition of morality – a system of norms particular to a community – is not what Willows has in mind. This does not undermine Haidt’s argument because it does not hinge on his definition of morality. The empirical evidence that Haidt provides is sound, even if applied to MacIntyre’s definition, but I seek to nuance it with respect to finding common ground with my opponent.

Where I do find a close correspondence with my position is in Celia Deane-Drummond’s model of ‘inter-morality.’ (Deane-Drummond 2015, 263). This is an evolution of her earlier ideas which lean towards animals’ capacities for moral judgements and evolutionary continuity between social primates and humans (Deane-Drummond 2009). What Deane-Drummond’s later model does, that is in my view progressive, is to present a relational kind of morality which sees human beings, not as individuals contemplating what they ought to do, but as beings caught up in a world of relations with other beings; relations which have moral consequences and not just in one direction. This model does away with the humanist model of morality because it allows for other species to inhabit moral worlds that do not necessarily cohere with human moral worlds. Thus even where there is little coherence, there is still moral overlap and this is what becomes significant. Wisdom and morality are not merely things that are contained in individuals. However, while Deane-Drummond and I both argue for morality as a product of relations, I am inclined more towards morality as immanent in relations.

For the purposes of my argument I would like to enlist the support of a rather unlikely candidate for animal morality: a spotted hyena. I say unlikely because spotted hyenas have a reputation as cowardly scavengers who steal for a living rather than hunt for themselves. This is of course a culturally biased view and ironically does not gel with the views held by the people who co-exist with spotted hyenas in my study site: the city of Harar, Ethiopia. It is there that hyenas are appreciated by the locals not just for cleaning the streets of garbage but for protection against harmful spirits and services that they perform for the town’s ‘saints.’ In fact my research in Harar shows that most Hararis not only appreciate hyenas, they have no problem ascribing moral agency to hyenas. I have

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collected accounts from many people of hyenas repaying kind behaviour and acting against people who harm their clan members or cause them insults (Baynes-Rock 2015). However, rather than pitting the Harari perspectives against those of moral philosophers, I instead want to present my own experience of hyena morality to support my case for morality in animals. In doing so I shall not be trying to demonstrate morality in spotted hyenas as a species; instead I shall be arguing that morality is emergent in relations between a human being (me) and a spotted hyena named Willi.

The context for my relationship with Willi was a hyena feeding place just outside Harar's town wall where free-ranging hyenas visit each night and are fed by a 'hyena man.' By the time Willi appeared on the scene I had been visiting the feeding place nightly for four months, spending my nights making observations of hyenas as they came and went. Willi was different to the other hyenas. While the others tolerated my presence but made no effort at interacting with me, Willi insisted on some kind of engagement. After a couple of weeks Willi decided that I was someone, or something, worth investigating. I have no idea whether he considered me a self-propelled object or an intentional being at the time but in either case his first attempt at any kind of interaction was to approach me and try to bite my knee. He persisted in this and I persisted in moving my leg away (In their prime, hyenas can exert 4000n of pressure with their jaws and even at one year old they can crush bones). This manoeuvring continued night after night for a few weeks but eventually we arrived at an arrangement whereby he could bite my jacket sleeve and I could grab the fur on top of his head.

Once we were comfortable with physical contact it was but a small step for us to engage in interspecies play. Willi initiated this one night when he was playing with another hyena. He ran up to me and began biting which was effectively an invitation. This led to a chase around the hill behind the feeding place whereupon he tried to bite me and I tried to catch him while he dodged out of my way. I knew it was play and not actual avoidance because Willi was signalling it to me. He had his tail up and his mouth hanging open and after every dodge, he returned to give me another try at grabbing him. Furthermore, Willi initiated play with me on subsequent nights, something he would never have done had he thought I was chasing him with the intention of hurting him.

Bekoff and Pierce hold play to be an clear indicator of morality in animals. This is due to the inherent justice in play which enables it to function despite social and physical disparities. Animals must give honest signals that they intend to play or else they can rupture social relationships (Bekoff and Pierce 2009, 197). They must follow certain rules of conduct and not take advantage of situations in which they hold a superior position. Thus there is a sense of fairness implicit in play and a set of expectations held by the participants that what is play must remain play. Anyone transgressing must make amends or else be excluded from play and its socio-psycho-physiological benefits.

While I agree with Bekoff and Pierce about the implicit sense of fairness in play and its implications with regard to morality in animals, this is not what I intend to foreground with respect to arguing for animal morality. Instead I wish to highlight the significance of our episodes of play in terms of the way that Willi perceived me as a distinct individual. Willi did not just play with anyone; not any hyena and certainly not any human. He had certain friends with whom he played and with whom he had a more trusting relationship. He never played with the hyena man or his son and never played with the higher ranking female hyenas such as Dibbey who persecuted him. So his criteria for a playmate were that it be someone familiar and someone who he was pretty certain would not hurt him. That I fit these criteria is an indication that Willi saw me as someone distinct from other humans and hyenas and that this distinction was consistent over time. He could make judgements about how I would act towards him based on how I had acted towards him in the past and thus he could apply a different set of rules to me than he applied to other humans who were yet to prove themselves trustworthy.

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My relationship with Willi extended well beyond chasing each other about on the hill. I accompanied him on his nightly forays into Harar's Old Town looking for food and sometimes he accompanied me. On one occasion a dog chased Willi onto a common beside the town wall, and I, feeling affronted, chased the dog from the common across to the old leper colony. At that Willi joined me in the chase, gauging my intentions and following my lead, and we both pulled up, glaring at the dog as it disappeared into the night. Indeed Willi even invited me to his home. One morning as the hyenas were making their way back to their dens outside the town, Willi convinced me to follow him to his den between a farm and a stream. I lagged behind, he stopped and waited; we were separated, he caught me up; once outside the den he made three attempts to try and get me to follow him inside. Willi and I saw each other as friends; we sought each other out on the hill behind the feeding place and at the garbage dump. When we bumped into each other in the Old Town there was recognition and familiarity that did not exist between other people and hyenas. But as human and hyena we brought a hybrid set of standards to our relationship which guided our ways of relating. And therein lies the model of inter-morality.

I highlight the difference between my relationship with Willi and that of other people and hyenas because it is about more than familiarity and trust. It is about one being recognising another as a subject of significance; as someone with whom they stand in relation as a person worthy of moral consideration. This is where I diverge from Deane-Drummond's account of inter-morality. Whereas Deane-Drummond's account holds inter-morality to be a sum of two parts, which between humans and other animals can be unequal in terms of their level of moral agency (Deane-Drummond, Arner and Fuentes 2016, 135), I hold morality to be immanent in relations and therefore the question of levels of morality becomes irrelevant. Borrowing from Martin Buber, this account of morality is one of the moral self, emerging out of consideration of the Other as a capitalised *You*. Buber calls this the *I-You* relation wherein the self and Other merge in actualisation of an ethical relation (Buber 1970, 151). It resonates with Levinas and his account of the ethical demand made by the face of the other. In this Levinas is not talking about the literal face, but the Other as a capitalised *You* that demands of the self, consideration (Levinas 1999, 25). Thus Willi, by entering into relations with me as a capitalised *You* became subject to a level of moral consideration that was no different from that which fell upon me. We both became bound by ways in which we *ought* to act in the presence of and toward the Other and in this lies the morality of animals.

In support of this is the suggestion that Willi could have attacked me, or at least bitten off a chunk of me. This is not far-fetched as attacks on people by hyenas in the region around Harar are well documented and widespread. And certainly he was hungry enough because when food was made available, in the form of a dead ox or sheep, Willi gorged himself. But he did not take advantage of the many opportunities that he had to bite a little harder and take a chunk of my flesh. On the one hand this could be because of a fear of repercussions. He could have feared that I might somehow punish him if he transgressed. But then this would make it difficult to argue that Willi was a wanton. And fearing of repercussions is not incompatible with acting morally. While fear of punishment might inhibit me from killing my enemy, I can also be inhibited by the sense that it is wrong. In the same way, Willi not harming me due to fear of repercussions is not incompatible with his sense that it would be wrong to harm someone with whom he stands in ethical relation; with someone who in Kant's terms appears as an end and not as a means. In entering into a relation with me Willi was faced with a human looming large as a capitalised *You* and therefore a set of oughts that obliged him to act morally. Whether or not he stopped to reflect on that obligation is not crucial to the fact that he chose to act in a way that was faithful to the relation.

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## Conclusion

After much considered debate, each of us is convinced that the other is seriously mistaken about the nature and existence of animal morality. Where to go from here? Fortunately, we are not in total disagreement. In fact, we both have very similar views of the situation 'on the ground'. Both of us think that there is such a thing as animal goods, appropriate to their own species. There is no sense in holding animals to human standards; but this need not mean that there are *no* standards that may determine the success of an animal *qua* animal. We also agree that humans are remarkably different creatures with social norms that are far more complex than those of other species. So, neither part of this paper should be read as an attempt to impugn either animals or humans. Instead, our disagreement is over the social and metaphysical significance of the difference between us and other species, rather than the extent of the difference *per se*. Does morality constitute a fundamental break with the rest of the animal kingdom, is it the most complex example of a common theme, or is it something malleable that adapts to particular relations regardless of species?

Although we have been unable to settle the question, our hope is that this paper will contribute to thought on this subject in a way that is accessible to readers in both fields. However, we also hope that it brings to light the way different commitments and methodologies profoundly affect approaches to interdisciplinary work. This is especially so when working with such a loaded term as 'morality'. Having hashed it out in this paper, we do not expect to agree on this matter; but we do believe that we understand each other.

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