

Re: Is SCIENCE magazine 2 or more years behind; Re: Orrorin

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If throwing was successful, we wouldn't need spears. I never saw a primate (or human) that is successful in this. That uses this as its defence, or attack. In jungle you cannot find enough rocks. I was in army. There we threw handgranades to 50m distance. We hardly managed to reach it. Predators attack from ambush (in jungle). In a sprint. No way you could use this. There are no rocks on trees. I saw a documentary about gorillas. On a first strange sound, they were all climbing trees. No time to search for rocks. I saw my neighbour throwing stones on my dog. Animals have so fast reaction times. My dog was so comfortable, to let stone flying to about 1m distance from its head, and then simply moved from its path. I couldn't believe it when I saw it. And not only once. You can hit an animal from behind, but when animals attacks you, you are in front. And animals attack so fast, you even wouldn't have enough time to reach to stone, even if you know where it is. And attack from behind.

And, we do have bipedal animals already. Birds, hopping animals, sifaka. Why don't you research how those animals became bipedal. Especially those that are bipedal at rest.

So, living in trees cannot blend with throwing, simply because it is hard to find rocks on trees. Primates are quadrupedal. No free limbs. Apes are suspensory. In suspension, your hind limbs are actually free. A suspension has something with swinging, but not underarm, but overarm. If you ask me, very weak scenario. -- Mario