

# catalyse

exponential progress in a time of exponential challenge

circumstance	we can't help the circumstances into which we are born, but others can — this is what civilisation does
realise	abuse comes not from “evil intent” but from how we relate to each other — we can change this (00017, 00020)
unique	everyone is, even if some don't seem so
diverse	a web of cultural practice lifts us over a rocky abyss
accessible	strategy has wings, it flows from person to person

# cherish and thrive

grow, share a cherishing culture

circumstance	societies failing to thrive. continuing to fail, catalyse exponential failure
realise	thrive, grow a nurturing society, a new cultural zeitgeist to lift us all
unique	combine, refine and use concepts, for example: understanding failing to know ( <i>hypocognition</i> 00097), failing to empathise (00013), failing to recall ( <i>motivated misremembering</i> 00045); failing to transmit (00085); Mercier and Sperber (2017, 00074) <i>redefine reason</i> ; Rosenberg (2018, 00089) dismantles <i>narrative</i> and <i>theory of mind</i> ; Mlodinow (2008, 00099) on <i>chance</i> ; collaborate non-zero-sum to <i>grow the pie</i>
diverse	processes flow through <i>environmental filtration</i> (natural selection, Rosenberg 2018) (00093, 00092) prepare for the practically unknowable (e.g. to track what we do not see or know about, we rely on rules of thumb which may not be adequate)
accessible	<a href="#">epub file</a> (screenreader, mobile-friendly) <a href="#">apple pages file</a> (accessible) <a href="#">pdf file</a> (not accessible)

# we can do it

realise we will (00097)

use [ithoughts](#) (not accessible) or [mindnode](#) (accessible) to view full dynamic itmz files  
static previews (not accessible), marked \* are low resolution due to large size

empathy	<a href="#">00013 (preview)</a> e.g. <i>empathy is hard work: people choose to avoid empathy because of its cognitive costs</i> c. daryl cameron et al. 2019 <a href="http://dx.doi.org/10.1037/xge0000595">http://dx.doi.org/10.1037/xge0000595</a>
origin and nature of abuse	<a href="#">00017 (preview)</a> * e.g. <i>social influence and interaction bias can drive emergent behavioural specialization and modular social networks across systems</i> christopher k. tokita, corina e. tarnita 2020 <a href="http://dx.doi.org/10.1098/rsif.2019.0564">http://dx.doi.org/10.1098/rsif.2019.0564</a>
dealing with abuse	<a href="#">00020 (preview)</a> e.g. <i>motivating the adoption of new community-minded behaviors: an empirical test in nigeria</i> graeme blair et al. 2019 <a href="http://dx.doi.org/10.1126/sciadv.aau5175">http://dx.doi.org/10.1126/sciadv.aau5175</a>
retrieve, recall	<a href="#">00045 (preview)</a> e.g. <i>motivated misremembering of selfish decisions</i> ryan w. carlson et al. 2020 <a href="http://dx.doi.org/10.1038/s41467-020-15602-4">http://dx.doi.org/10.1038/s41467-020-15602-4</a>
trust, belief	<a href="#">00074 (preview)</a> e.g. <i>the enigma of reason: a new theory of human understanding</i> hugo mercier, dan sperber 2017
decay and renewal	<a href="#">00085 (preview)</a> e.g. <i>a model-based approach to the tempo of “collapse”: the case of rapa nui (easter island)</i> robert j. dinapoli et al. 2020 <a href="https://doi.org/10.1016/j.ias.2020.105094">https://doi.org/10.1016/j.ias.2020.105094</a>
myth	<a href="#">00089 (preview)</a> e.g. <i>how history gets things wrong: the neuroscience of our addiction to stories</i> alex rosenberg 2018
evolution	<a href="#">00092 (preview)</a> * e.g. <i>high-resolution lineage tracking reveals travelling wave of adaptation in laboratory yeast</i> alex n. nguyen ba et al. 2019 <a href="http://dx.doi.org/10.1038/s41586-019-1749-3">http://dx.doi.org/10.1038/s41586-019-1749-3</a>
diverse, adapt	<a href="#">00093 (preview)</a> * e.g. <i>history is written by the victors: the effect of the push of the past on the fossil record</i> graham e. budd, richard p. mann 2018 <a href="http://dx.doi.org/10.1111/evo.13593">http://dx.doi.org/10.1111/evo.13593</a> <i>evolutionary dynamics of incubation periods</i> bertrand ottino-loffler et al. 2017 <a href="http://dx.doi.org/10.7554/elife.30212.001">http://dx.doi.org/10.7554/elife.30212.001</a>
unknown, potential	<a href="#">00097 (preview)</a> e.g. <i>hypocognition: making sense of the world beyond one's conceptual reach</i> wu, k., & dunning, d 2018 <a href="http://dx.doi.org/10.1037/gpr0000126">http://dx.doi.org/10.1037/gpr0000126</a>
chance, luck	<a href="#">00099 (preview)</a> * e.g. <i>the drunkard's walk: how randomness rules our lives</i> leonard mlodinow 2008