ulticulturalism Day (27 June) is a vibrant celebration of the rich diversity found within communities. It highlights the blend of cultures, languages, and traditions that make society unique. This day encourages everyone to appreciate differences, to create more inclusive and understanding world. Through this celebration, people come together, recognizing the beauty of cultural diversity and the strength it brings to daily life! The day also raises awareness of the contributions made by various cultural groups, enriching the community in countless ways. By appreciating these diverse traditions, people learn to respect and value each other's differences, fostering greater acceptance and peace.

राष्ट्रदुत

#HISTORY

Potshard Inscriptions of Keeladi



of the inscriptions Brahmi, the potshards had graffiti marks!

While some





hat can a few fragments of pottery tell us about how people wrote 5000 years ago? Quite a lot, as it turns out. Keeladi excavations of 2015 pointed to the existence of a literate ancient Tamil civilisation that could go as far back as 800 BCE. Among the most significant finds was a series of potshards with different inscriptions, which offered many fascinating insights about the

evolution of scripts in India. Is Tamil Brahmi older than the Brahmi script? Could the Indus Valley script, which was in use in north-western India over 4500 years ago, be related to Tamil Brahmi, which was used in South India? Which are the oldest dated inscriptions in India? What languages and scripts are those inscriptions in? In 2015, archaeologists excavated







Russell McLendon

ntelligence runs in the crow family, a diverse group of more than 120 bird species. And, as with most geniuses, crows and their relatives tend to be misunderstood. Known as corvids, this family of birds includes crows,

ravens, rooks, jays, jackdaws, magpies, treepies, nutcrackers, and choughs. They range from the 1ounce dwarf jay, a small forest bird found only in Mexico, to the 3pound common raven, a wily opportunist found across the Northern Hemisphere.

Corvids are incredibly clever overall, with the largest brain-tobody-size ratios of any bird, but those in the genus Corvus tend to be especially brainy. This genus includes the crows, ravens, rooks, and jackdaws, accounting for about a third of all corvid species. Many of these have a brain-to-body-size ratio (or 'encephalization quotient') you'd expect from an ape. not a bird. In fact, according to a study published in the journal Current *Biology*, 'the crow brain is the same relative size as the chimpanzee

Humans have long recognized the craftiness of crows and ravens, as seen in centuries of folklore, casting the birds as thieves, tricksters, problemsolvers, wise advisors to gods, or even deities themselves. Yet, we also tend to stereotype these birds, overlooking many of their complexities to brand them as

n the early 1960s, primatologist

Jane Goodall shocked the world

with her discovery that wild chim-

panzees use twigs as tools to catch

termites, debunking the idea that

humans are the only tool-using

species. Tool use requires a certain

level of cognitive sophistication.

but we now know plenty of other

animals also use tools in the wild,

spooky, troublesome, or outright nefarious. Fortunately, our appre ciation of their intelligence has soared in recent years, thanks to research exploring what corvids can do with all that brainpower. Below is just a sampling of what we've learned about their mental and social lives, focusing mainly crows but also including ravens and other relatives. Crows have shrewd ways to get

food. Crows tend to be opportunistic and creative, commonly exploit ing new food sources or adopting new feeding strategies to make their lives easier. The American crow is known to catch its own fish for example, in some cases, even using bread or other food as bait to lure fish closer. At the same time, this

species often steals food from other animals, sometimes even secretly following victims back to their nests or food caches. In one case, a group of American crows was seen distracting a river otter so that they could steal its fish, according to the Cornell Lab of Ornithology. Another group followed common mergansers to intercept minnows that the ducks had been chasing into shallow water. Many crows use gravity and the

ground by dropping snails and hard-shelled nuts from the air while flying. This is done by other birds, too, but some crows seem to have taken this a few steps further. Crows in Japan, for instance, place walnuts on roads so that cars will crush the shells, wait for the traffic light to change, and then safely collect the opened nuts.

not just our fellow primates. In

fact, one of the most studied exam-

ples of non-primate tool use comes

from a corvid: the New Caledonian

crow. Many corvids use tools, but

New Caledonian crows are espe-

cially advanced. Like chimps, they

use sticks or other plant matter to

fish insects out of crevices. That

alone is impressive, especially

Crows Don't Just Use Tools; They Also Make Them

Crows make tools, hold grudges and solve puzzles

Humans have long recognized the craftiness of crows and ravens, as seen in centuries of folklore casting the birds as thieves, tricksters, problem-solvers, wise advisors to gods, or even deities themselves. Yet, we also tend to stereotype these birds, overlooking many of their complexities to brand them as spooky, troublesome, or outright nefarious. Fortunately, our appreciation of their intelligence has soared in recent years, thanks to research exploring what corvids can do with all that brainpower. Below is just a sampling of what we've learned about their mental and social lives, focusing mainly on crows but also including ravens and other relatives.

motivator for corvid funerals

"If I were to find a dead person

in the woods, I might be feeling

sad, but I'd also be alarmed and

likely looking for the cause of

death to make sure I'm not

next," Swift writes. "Perhaps,

the crows are doing the same

thing, looking for the source of

danger and remembering key

elements of the experience

that will help keep them safe in

themselves. Years after the

study began, crows 'continue

to harangue the banding

mask,' the NWF explains,

'even though they see it only

twice a year for a few hours at

from crows who saw the origi-

nal banding event. The per-

centage of birds scolding and

mobbing the caveman mask

grew over time, roughly dou-

bling within seven years, even

though most had never been

banded and were unlikely to

have personally witnessed the

mask doing anything offen-

sive. Some were even young

grudge began. The crows are

important information, the

identity of a seemingly dan-

gerous person, to their fami-

Audubon Magazine in 2016,

nearly all the birds originally

trapped by the caveman are probably dead by now, yet 'the

egend of Seattle's Great Crow

humans could be a valuable

skill for urban crows since

some of us are dangerous

some neutral, and some help

ful. Wild crows seem largely

indifferent to the faces of peo-

ple who haven't wronged them

and can also form positive rela-

tionships with us, like the girl

in Seattle who famously

received a collection of trin-

kets from the crows she'd been

Learning to identify

As Kat McGowan wrote for

lies and companions.

Satan still grows.'

transmitting

crows not born yet when the

apparently

This animosity isn't just

Crows Can Solve Puzzles on Par with Human Kids

n Aesop's Fable 'The lacksquare Crow and the Pitcher,' a thirsty crow encounters a pitcher with a little water but is initially thwarted by the low water level and the bottle's narrow neck. Then, the crow drops pebbles into the pitcher and raises the water level high enough to drink.

Not only has research verified that crows can do this, but it shows they can pass the water-displacement test at a level similar to human children between the ages of 5 and 7. Crows have conquered a variety of other convoluted tests, too. The BBC even showed a crow solving an eight-step puzzle in its series Inside the Animal Mind. Crows can also plan their tool use. according to one study in the journal Current Biology, which found that crows could solve a metatool prob lem, when each step was out of sight of the others, planning three behaviours into the future. The birds

showed an ability to 'men-

tally represent the goals

and sub-goals of metatool

problems,' the researchers

wrote, and even successful-

ly ignored an extra tool

planted in their path to dis-

without hands, but it's just one of

many tricks up their sleeves. In

addition to choosing tools that are

naturally well-shaped for a partic-

ular task, New Caledonian crows

also manufacture tools in the

wild, which is much rarer than

only using found objects. This

ranges from trimming the leaves

off a stick to creating their own

hook-shaped tools from twigs,

New Caledonian crows have also

bent pliable materials into hooked

tools, and even shown sponta-

neous 'metatool use,' the ability to

use one tool on another. Great apes

like chimps and orangutans can

solve metatool tasks, researchers

noted in one study, but even mon-

kevs are known to struggle with

them. These crows have used a

short stick to reach a longer stick

that can reach a reward, for exam

ple, but have also made new com

oound tools from two or more oth-

erwise non-functional elements.

As one of the study's authors told

the BBC, that requires imagining

what a tool will do before it exists,

despite having never seen such a

tool before, then making it exist

In controlled experiments,

leaves, and thorns.

Crows Gossip, Hold Grudges, and Know Who You Are share information among

everal kinds of corvids have demonstrated a knack for recognizing human faces. Magpies and ravens, for example, are known to scold specific researchers who have gotten too close to their nests in the past, regardless of what the researchers wear. Some of the best evidence of this ability comes from crows in Washington state, where Swift and her colleagues have extensively tested the birds' reactions to human faces they've learned to distrust

Led by John Marzluff, a

professor of Wildlife Science at

rows are famous for hold

ing 'funerals,' when one of

their kind has died. It might be

a lone individual or a group of

crows, known as a murder, of

course, and it may be solemnly

quiet or cacophonous. In some

cases, the crows may keep a

vigil over the fallen bird for

researcher and corvid expert

Washington. There is 'little

doubt that they have emotional

intelligence,' testing this possi

bility remains scientifically

problematic, since 'there's still

no way we can truly know

what's happening on an emo-

tional level in an animal's

So, without necessarily rul

ing out grief, Swift and other

researchers have focused more

on 'danger learning' as a likely

head,' she says.

at the University

Maybe, explains Kaeli

a postdoctoral

days. Could they be mourning?

the University of Washington, the testing was born from the realization that crows seem to hold grudges against specific people who'd netted and banded them for research. Researchers began wearing rubber caveman masks when they did this, revealing how the crows were identifying their enemies. Crows scolded and mobbed anyone who wore the caveman mask regardless of who was underneath. In tests, researchers achieved a similar effect by wearing masks while holding a dead (taxidermied) crow, which resulted in crows pestering future wearers of those same masks. "The interesting part was that not a whole lot mattered except the face," Marzluff told the National

Wildlife Federation (NWF). Lots of other animals can also recognize human faces but crows still stand apart, both for the length of their memories and for how they

#CROWS

nows are social birds and than many people realize. Crows mate for life, meaning a mated pair will typically stay together for the rest of their lives, but their family lives may also be a little more complicated than that suggests. Crows are 'monogamish,' Swift writes adding a more scientific clarification that they're considered socially monogamous but genetically promiscuous.' This neans they generally stay with one partner for life, but genetic analyses show that male crows only father about 80% of their family's offspring.

Some crows also lead a 'double life,' according to the Cornell Lab of Ornithology. They can split time between families and big communal roosts. American crows maintain a territory year-round, where their extended family lives and forages together. But during much of the year, individual crows leave the home territory to join large flocks at dumps and agricultural fields, and to sleep in large roosts in winter. Family members go together to the flocks, but do not stay together in the crowd. A crow may spend part of the day at home with its family in town and the rest with a flock feeding on waste grain out in the country.



L crow's 'caw caw' sound but did you know their noises have dialects? Similar to humans, whose language can vary from region to region, crows have a deviation in their aviation language between the two populations of crows. According to ornithologist John M. Marzluff and author Tony Angell, who co-wrote the book 'In the Company of Crows and Ravens,' the sounds 'vary regionally, like human dialects that can vary from valley to valley.' And should a crow change its crowd, it'll adapt its noises to fit into the new group. "When crows join a new flock," Marzluff and Angell wrote, 'they learn the flock's dialect by mimicking the calls of dom-

Crows Mate for Life, But They're Also 'Monogamish'

decoy nests if they think someone suspicious is watching them.) Young crows will remain depend ent on their parents for a couple of months after they fledge, but they also tend to stay near their family for a while longer, even after moving out of the nest. These chicks are still fiercely defended by their parents. Swift writes, creating a sort of extended adolescence that allows them time and energy for play behaviours, which might be and cultural learning.

nant flock members.'

Young Crows May Stay Home for a While to Serve as 'Helpers'



nearby for them to claim. It's com-A early spring, building their mon for people to vilify crows, often focusing on unwanted behaviour nests from sticks and lining them with soft materials like grass, fur, but overlooking more relatable or or feathers. (They may also build redeeming qualities. The American crow, for one, has been the subject of extermination attempts in the past, including the use of dynamite on large winter roosts. Those efforts ultimately failed, however, and thanks largely to its intelligence and adaptability, the American crow is now more common than ever across a range of habitats, including farms, towns, and big cities Other corvids have similarly

adjusted to or even capitalized on civilization, but being intelligent is important for their development no guarantee that these birds are Young crows will eventually safe from us. The Hawaiian crow. start spending less time with their for instance, is a smart corvid with parents and more time with larger a penchant for tool use, yet it was flocks, and face a decision as winter declared extinct in the wild in 2002 after being wiped out by a combo of set in. "They can either take off to 'float' before finding a mate and disease, invasive predators, habitat establishing a territory of their loss, and human persecution Fortunately, scientists saved own," Swift writes, "or remain on their home turf and act as a 'helper' enough birds to start a successful for next year's brood." The latter is captive-breeding program and reincooperative breeding, in which troduced the species into the wild. more than two individuals help Crows sometimes raid farms

care for offspring in a single brood.

tions, older offspring continue to

help their parents raise new chicks

for a few years, according to the

Cornell Lab. A crow family may

include as many as 15 individuals,

with offspring from five different

years all pitching in to help. It's

unclear why this evolved. Swift

writes, but it may help delay the

dispersal of young crows when

there isn't enough open territory

In most American crow popula-

and gardens, but any damage they cause may be offset by ecological benefits like seed dispersal and eating pest insects. Plus, while any species has an inherent right to exist, we're lucky to have brainiacs like corvids living among us. They help us learn more about our own intelligence and remind us how much we still have in common with wildlife around us.

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#WHODUNNIT

Language evolves, but at what cost?

Are we destroying English Grammar in the name of Inclusivity?

crossroads of tradition and transformation where centuries-old grammatical rules are meeting the growing demands for inclusion and representation. This isn't just a linguistic debate, it's a cultural one. As society becomes more aware of identity, equity, and social justice, our language is changing too. But with each new change, a question echoes louder: Are we enriching the English language, or are we slowly dismantling its structure? Shashi Tharoor, a master ful wordsmith and advocate for linguistic elegance, puts it plainly: Should grammar adapt to meet the needs of an inclusive



expense of clarity, precision, and the very rules that make lan-

The Case for Inclusivity

These changes are more than cos-

A t the heart of this linguistic shift is the desire to be seen metic; they represent a deep cultural reckoning with the way lanand acknowledged. The use of guage has historically excluded singular 'they' has become comcertain groups. mon, used to respect people who Supporters argue that lan don't identify strictly as male or guage must evolve to reflect female. Neopronouns like xe/xem or ze/hir have entered the conversation, and many institutions are now opting for gender-neutral terms such as chairperson

social progress. After all, English itself has always been fluid. What we consider 'proper grammar today was different a century ago, and it will continue changing in instead of chairman, or the decades ahead. Making space humankind instead of mankind. for more inclusive language is not

The Case for Caution

B ut not everyone is on board. Critics argue that in our eagerness to make language more inclusive, we risk making it less coherent. Grammar, they say, isn't just about rules for rules sake, it's the structure that allows us to communicate ideas clearly and effectively. When we bend or discard those rules, especially in formal writing or education, are we empowering expression or muddling it?

For instance, using plural forms like 'they' to refer to singular individuals can confuse mean-

might be well-intentioned but can also alienate those who struggle to keep up with rapidly changing linguistic norms Some educators express concern that students are no longer being taught grammar with the

ing in certain contexts

Introducing unfamiliar pronouns

only ethical, it's inevitable

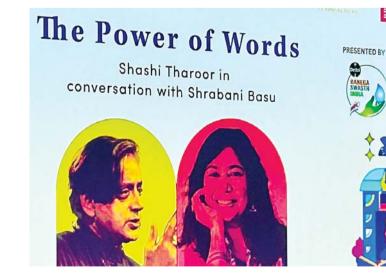
same rigour. Others fear that critiquing poor grammar is being wrongly equated with being insensitive or exclusionary. If everything becomes acceptable in the name of inclusivity, does the language lose its standards?

Finding the Middle Ground 🕦 his isn't a zero-sum game.

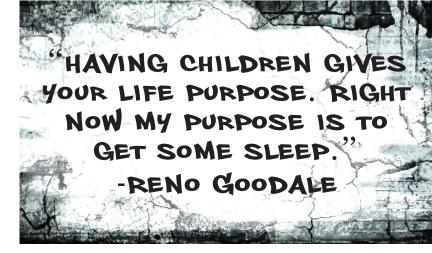
Language can be both inclusive and precise, if we're intentional about how we use it. It may be less about abandoning grammar and more about expanding it. Rather than seeing inclusivity as a threat to linguistic structure. we might see it as an opportunity to refine how we teach and under-

stand English in a way that respects both clarity and compas

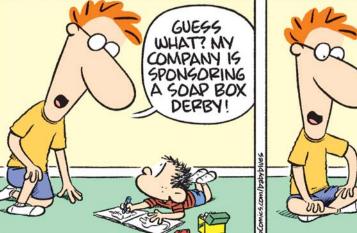
After all, English has always been a borrower, a shape-shifter. From Shakespeare's inventions to tech-era slang, it has constantly evolved. The current push for inclusivity is just the latest chapter in its long story.



THE WALL



BABY BLUES



sounds like FUN, PIGHT? OD TAHW YOU SAY?

By Rick Kirkman & Jerry Scott

THERE'S NO

ACTUAL SOAP

INVOLVED.

I'M IN!





