

# Ethogram

abuse  
abuse carcass  
adduct penis  
aggress  
aggress in sexual frustration  
aggress, redirected  
aid in locomotion  
alliance  
allow  
alpha male  
apply leaves to injury  
apply saliva to injury  
approach  
approach and withdraw  
arise  
arrive  
attack  
attack concertedly  
avoid  
avoid fallen log  
backstroke  
balance  
banda, display  
bark  
bark, infantile  
beat sole with palm  
beg  
bend and stretch knee  
bend branch  
bend shrub  
bend shrub in courtship  
bite  
bite and pull hairs  
bite self  
bob  
bob bipedal  
bounce foot/feet up and down  
rhythmically  
bow  
brachiate  
break bone at joint  
break branch with foot  
break tree  
bristle  
brush away from branch  
brush away from self  
brush-tip fishing probe  
care alloparentally  
care maternally  
catch with hand  
change nipple  
charge  
chase  
check penile erection  
chew  
circle orthograde  
circle orthograde off ground  
circle quadrupedal  
clack teeth  
climb  
climb cliff  
climb vertical  
climb vertical, extended elbow  
cling  
clip leaf by hand  
clip leaf by mouth  
clip leaf for fishing probe  
close eyes  
club  
club ground  
club other  
coalition  
collect dry leaves  
compress lips  
confiscate  
console  
contact with nipple  
copulation  
copulate dorso-ventral  
cough  
cough bark  
cover nipple  
cover self  
creep  
cross arms  
cross arms on head  
cross legs  
crouch  
crowd  
crush  
crutch  
dangle  
dart  
decieve

# Ethogram

defecate  
defecate, prone  
defecate, sitting  
depart  
depart together  
dermatophytosis  
descend  
descend by brachiating  
descend by orthograde feet first  
descend tree trunk feet first  
descend tree trunk head first  
detain  
detour  
dig for underground storage organ by hand  
dip ant directly  
dip fluid  
dip hand and lick water  
discard  
discard fruit skin with mouth  
display as contest  
display, charging  
display, rain  
display, streambed  
display toward  
distract  
distress call  
drag and circle  
drag branch  
drag carcass by hand  
drag dry leaves  
drag other by hand  
drag other by mouth  
drag to kill  
drape  
drink  
drink from hole in tree  
drink from lake  
drink from stream  
drip  
drop branch  
drop infant  
drop self  
drum  
dunk face  
eat  
eat algae  
eat ant  
eat beetle larva  
eat blossom  
eat egg  
eat dead wood  
eat eye mucus  
eat fruit, inner skin  
eat fruit, palm  
eat fruit, pulp  
eat fruit, unripe  
eat gall  
eat honey  
eat leaf  
eat meat  
eat nasal mucus  
eat petiole  
eat pith  
eat resin  
eat root  
eat seed  
eat semen  
eat shoot  
eat termite  
eat termite soil  
eat with foot  
eat xylem  
ejaculate  
embrace full  
embrace half  
enter hole  
erect penis  
expel  
extend  
extend arm as ladder  
extend hand  
extend hand, palm downward  
extend hand, palm sideways  
extend hand, palm upward  
extend hand to beg  
extend leg  
extend leg as ladder  
fall  
fall over backward  
fart  
fend  
fight  
fill mouth with food

# Ethogram

fish  
fish for carpenter ant  
fish for termite  
flail  
flail arm  
flail long object  
flee  
flee after startle  
flee from colobus male  
flip lip  
flop  
follow  
follow in contact  
follow specific female  
friendship  
fumble clitoris  
fumble nipple  
fumble penis  
fumble penis with foot  
fumble testicles with foot  
funny face  
gallop  
gaze  
give  
glance  
glove  
go ahead  
grab  
grab and shake  
grapple  
grasp  
grasp and heave  
grasp and push shoulders  
grasp hand  
greet  
grin  
grin-full-closed  
grin-full-open  
grin-low-closed  
grin-low-open  
groom  
groom-branch-clasp  
groom briefly  
groom by hand  
groom carcass  
groom leaf  
groom mutually  
groom object or substrate  
groom, polyadic  
groom reciprocally  
groom self  
groom unilaterally  
groom, dyadic  
groom-hand-clasp  
groom-hand-clasp unilaterally  
groom with mouth  
groom wound  
grops  
grunt, aha  
grunt, extended  
grunt, food  
hammer nut with stone  
hammer fruit on object  
handicap self  
hang  
hang and spin  
hang and stamp  
hang in sloth position  
hang-stand  
hang-tripedal  
hang upside-down by feet  
hang upside-down by hands  
hang with legs pitterpat  
hang-wrestle  
harass  
headstand  
herd  
hesitate  
hiccup  
hit  
hit and run  
hit bush bipedal  
hit ground with fist  
hold body part in mouth  
hold head or face  
hold object in groin pocket  
hold object in mouth  
hold object in neck pocket  
hold object on head  
honey feeding  
hoo  
hop bipedal on spot  
hop quadrupedal on spot  
hug

# Ethogram

hunch and sit	lead
hunch bipedal	leaf-midrib spoon
hunch over	leaf-sponge
hunch quadrupedal	leaf-spoon
hunt	lean
hunt with tool	leap between trees
hunting bark	leap between trees with object
hurl self	leap bipedal with squared shoulders
identification clip	leap down
ignore	leap on
imitate	leap quadrupedal
immigrate	leap up
incest	leap up in surprise
injury	leave
inspect	leave and climb
inspect feeding tree	leave to protest
inspect fruit	lick
inspect genitals	lick lips
inspect leaf (parasite)	lick rock
inspect self	lick wood
inspect wound	lick wound
interfere	lie
interfere fishing	lie and hug
interfere in copulation	lie and watch
interfere play	lie lateral
intervene	lie on other
intervene to separate	lie prone
join play	lie-sit
jump	lie supine
keep water in mouth	lie supine and shake arms and legs
kick	lie supine with legs apart
kick back	lie with back to another
kick backward quadrupedal	lie with legs crossed
kick bipedal	lift
kick buttress	lift and drop
kick heel	lift rock
kick other	limp
kick up	lip smack
kidnap	listen
kill another species	look around
kill time	look at water
kiss	look back
kiss with open mouth	look between thighs
kiss with pout face	look up
kiss with tongue	lower head
knock with both arms	lower head and shoulder
knock with one arm	lower leg

# Ethogram

lower rump  
make bed  
make cushion  
make day bed  
make ground bed or cushion  
make night bed  
make tool  
massage shoulder  
masturbation, other  
masturbation, self  
misunderstand  
monitor  
monitor monkeys  
monitor mother  
mop ant  
mount  
mount in copulation  
mount, misdirected  
mouth  
mouth for begging  
move  
nod and mouth  
nod to water surface  
nod to water surface and mouth water  
nod with body part in mouth  
nod with object in mouth  
nod with play face  
offer arm  
offer back  
open eyes  
open thighs  
pant  
pant-bark  
pant-grunt  
pant-grunt with bent elbow  
pant-hoot  
parry  
pass  
pass under  
pass with body contact  
pat  
patrol  
peel with hand  
peel with teeth  
peep  
peer  
peer together  
perforate  
pick ear  
pick nose  
pick out pulp  
pick teeth  
pick up  
pick up and release  
pick up discarded food  
pile dry leaves  
pinch clitoris  
pirouette  
play  
play bite  
play face  
play face, full  
play face, half  
play in bed  
play-pant  
play, parallel  
play, rough and tumble  
play socially  
play socially with object  
play solo  
play walk  
play with object  
play with sand  
play with urine  
play with water  
poke  
poke with play face  
police  
pound pestle  
pout  
presbyopia  
present with limbs extended  
present with limbs flexed  
press down  
press neck with lower arm  
press object on  
press teeth against back  
probe  
probe nasal passage  
probe with finger  
protect  
protest  
protrude tongue  
pucker cheek

# Ethogram

pull  
pull down  
pull each other  
pull head with hands  
pull leaf-pile  
pull object from opposing sides  
pull out  
pull rock to roll  
pull through with hand  
pull through with mouth  
pull with mouth  
puncture  
push  
push ahead  
push away  
push backward  
push down  
push finger into mouth  
push forward  
push head into ventral  
push leaf-pile  
push object into  
push peri-anogenital region with finger  
push/pull swing  
push to shoulder  
put dorsal  
put dorsal from ventral  
put face to  
put heel on back  
put mouth into water  
put rump to rump  
put ventral  
put ventral from dorsal  
raise  
raise and hold leg  
raise arm(s) bidedal  
raise arm quickly  
raise arm slowly  
raise arm to hold branch  
raise arm with elbow bent  
raise leg while lying  
raise other's arm  
raise other's chin  
raise other's leg  
rake  
reach wrist toward  
reassure  
rebuff play  
reconcile  
regulate direction  
reingest vomit  
reject  
reject infant  
reject-move  
reject-sit  
relaxed face  
release infant to fall  
remove  
remove lice  
remove objects from water surface  
remove sand flea  
rescue  
respond to baboon  
respond to bush-pig  
respond to dead animal  
respond to dead chimpanzee  
respond to leopard  
respond to neighbouring unit group  
rest  
restrain  
retaliate  
retreat  
retreat bipedal  
retrieve infant  
reverse  
ride bipedal  
ride clinging  
ride dangling  
ride dangling and touch dry leaves  
ride dorsal  
ride jockey  
ride prone  
ride quadrupedal  
rub genitals to substrate  
ride supine  
ride ventral  
ride ventral with limb extended  
rock back and forth  
rock side to side  
roll  
rotate fruit  
rub dorsum  
rub dorsum to conspecific  
rub genitals

# Ethogram

rub genitals to substrate  
rub hand or foot  
rub hand with hand  
rub muzzle  
rub object to body  
rummage  
run  
run bipedal  
run quadrapedal  
scatter dry leaves  
scoop algae  
scoop infant  
scramble for food  
scrape  
scratch  
scratch against object  
scratch dry leaves  
scratch-liana  
scratch self  
scratch self signalling  
scratch socially  
scratch socially, poke type  
scratch socially, stroke type  
scream  
scream - sex  
scream face - sex  
search for conspecific  
search for object  
senescence  
separate  
shake arm, abduct  
shake arm, adduct  
shake back and forth with four limbs  
shake branch  
shake branch up and down with feet  
shake face side to side  
shake face with object in mouth  
shake hand side to side quickly  
shake head  
shake long object irregularly  
shake object up and down  
shake off  
shake other  
shake penis  
shake rock up and down with feet  
shake rump  
share food  
shrug  
sickness  
sit  
sit and turn back  
sit behind another  
sit face to face  
sit on  
sit prone  
sit sideways  
slap  
slap butress or tree trunk  
slap ground  
slap in invitation  
slap other  
slap self  
slap-stamp  
slap wall  
sleep  
slide down boulder  
slide down vertically  
smack lip  
snatch  
sneer  
sneeze  
snare injury  
sniff  
sniff finger  
sniff fruit  
sniff mouth  
sniff with tool  
snub  
solicit companion  
solicit copulation  
solicit grooming  
solicit grooming turn  
solicit play  
solicit play with object  
solicit play with object in mouth  
solicit reassurance contact  
solicit riding  
solicit support  
somersault  
somersault, backward  
somersault, backward with dry leaves  
somersault, forward  
somersault, side  
spit juice

# Ethogram

spit seed  
spit water  
splash water  
spring  
sputter  
squash leaf  
squat  
squeal in copulation  
squeeze  
staccato call  
stamp  
stamp bipedal  
stamp in invitation  
stamp other  
stamp quadrupedal  
stamp trot  
stamp water  
stand bipedal  
stand quadrupedal  
stand quadrupedal heel up  
stand with head down, bottom up  
stare fixedly  
stare fixedly with head down and bottom up  
step on  
step over  
step up on leg  
stir water  
store  
strip leaves  
stroke  
stumble  
subcutaneous tumor  
suck  
suck in reassurance  
suck self  
suck thumb  
suck toe  
suckle  
supplant  
support  
support dominant  
support older  
support subordinate  
suspend  
suspend and shake up and down  
swagger bipedal  
swagger on knuckles  
swallow leaf  
sway and move  
sway woody vegetation  
swing  
swing above  
swing and grasp  
swing and kick  
swing forward and upward  
take  
take finger in mouth  
tap heel  
tear  
tease  
threaten  
throw  
throw at animate object  
throw at inanimate object  
throw branch  
throw dry leaves  
throw sand  
throw splash  
throw stone or rock  
throw temper tantrum  
thrust  
thrust bipedal  
thrust in vacuum  
thrust, misdirected  
tickle  
tilt head  
tool set  
touch  
touch fruit  
touch scrotum  
touch with foot  
toy  
trample  
transfer  
transport  
transport bipedal  
transport corpse of infant  
transport food  
transport in foot  
transport in groin pocket  
transport in hand  
transport in mouth  
transport in neck pocket



# Ethogram

transport on back  
transport on head or nape  
transport on shoulder  
transport two offspring  
transport with hand support  
travel  
travel and play  
travelling scratch  
trifle with  
tug of war with object play  
tumble  
turn around  
turn face away  
turn up lip  
twist  
urinate  
urinate quadrupedal  
urinate, prone  
urinate, sitting  
use bridge  
use tool  
vacate  
vomit  
waa bark  
wade  
wadge  
wadge by adding leaf  
wadge without adding leaf  
wait for companion  
wait turn  
walk bipedal  
walk in sloth position  
walk quadrupedal on backs of hands  
walk quadrupedal on knuckles  
walk quadrupedal on palms  
walk tripedal  
watch  
wean  
wedge  
whimper  
whimper-scream  
whisk fly with arm  
wipe on object  
wipe with detached object  
wraa  
wrestle  
wrestle bipedal  
wrestle with fingers  
wiggle  
yawn