

## Topic #0



hydrothermal  
water  
marine event  
sediment

surface  
dead  
underwater  
wetland  
groundwater  
ridge  
spring  
fluid  
water  
waste  
field  
brackish  
ridge  
near  
vent  
salt  
deposit  
near  
continuous  
hydrothermal  
saline  
lower  
northern  
water  
coastal  
sippewissett  
black

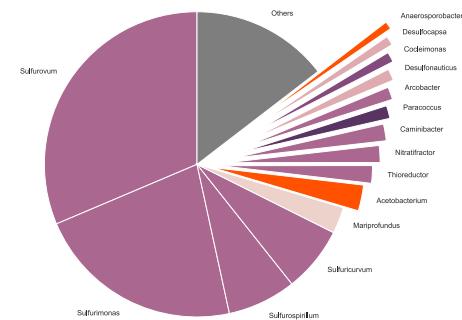


Image from:

<https://pixabay.com/en/background-blue-floor-ocean-sand-17520/>

## Topic #1



anthropogenic  
fecal  
marsh  
marine

vent  
salt  
deposit  
near  
continuous  
hydrothermal  
saline  
lower  
northern  
water  
coastal  
sippewissett  
black

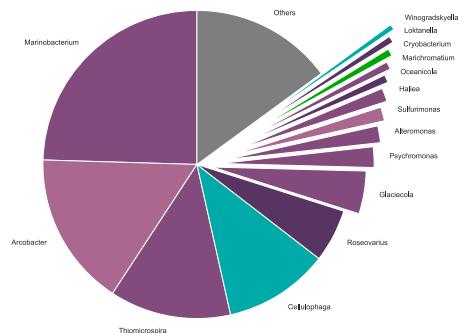


Image from:

<https://pixabay.com/en/landscape-scenic-water-outdoors-1593808/>

## Topic #2



fermentation  
china  
insect  
olive  
adult  
fungus  
product  
infant  
bile  
saliva  
edge  
garden  
coastal  
giant  
marsh  
patient  
northern  
ant  
food  
spring  
marsh

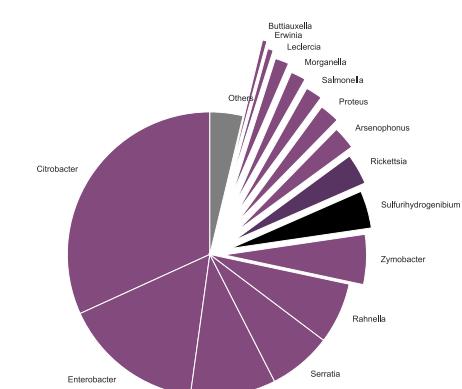


Image from:

<https://pixabay.com/en/insects-serviformica-cunicularia-827787/>

## Topic #3



aquatic  
fresh  
cryoconite  
depth  
coastal  
sheet  
lake  
baltic  
sea  
freshwater

ice  
sweden  
germany  
greenland  
river  
brackish

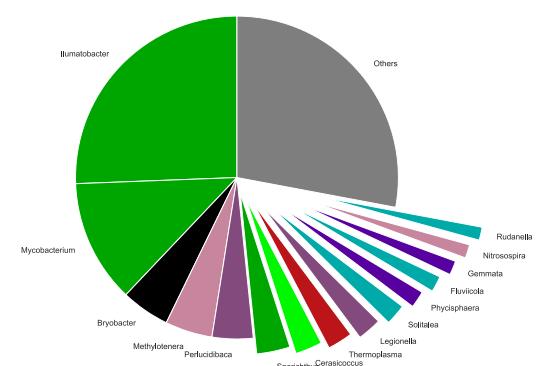


Image from:

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## Topic #4



mosquito  
anopheles  
female  
male  
gambiae  
home  
indoor  
summer  
acinetobacter  
czech  
gut  
homo  
broadleaf  
fam  
wastewater  
healthy  
sapiens  
house  
forest  
biofilm

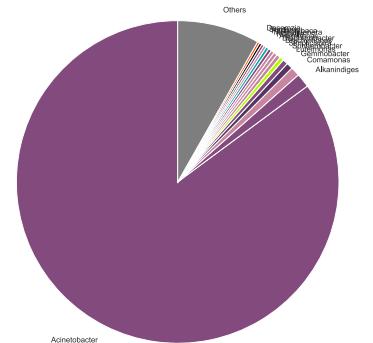


Image from:

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## Topic #5



endophyte  
compartment  
relative  
matrix  
step  
root  
old  
wheat  
plate  
flower  
leaf  
germany  
farm  
thaliana  
bind  
rhizosphere  
natural  
greenhouse  
arabidopsis

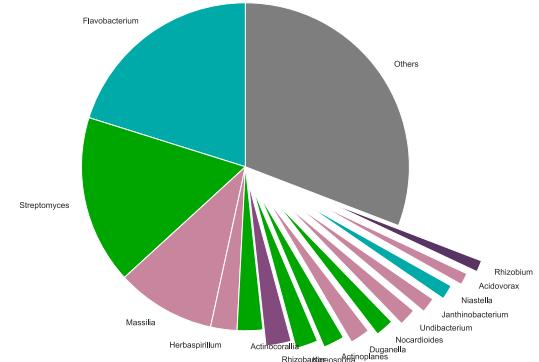


Image from:

<https://pixabay.com/en/potatoes-land-fruit-why-potato-1637280/>

## Topic #6



potato  
ant  
field  
crop  
hill  
clay  
texas  
rhizosphere  
june  
fungus  
valley  
soil  
garden  
trachymyrmex  
july  
desert  
shrubland  
worker  
ant  
hill  
clay  
texas  
rhizosphere  
june  
fungus  
valley  
soil  
garden  
trachymyrmex  
july  
desert  
shrubland  
worker

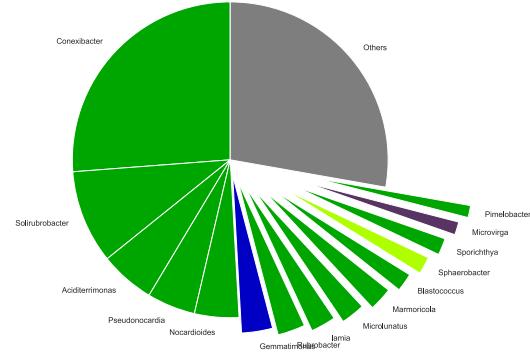


Image from:

<https://pixabay.com/en/tractor-labour-agricultural-machine-1732125/>

## Topic #7



flow  
sea  
greater  
sponge  
gut  
inflame  
seawater  
southern  
normal  
faecal  
marine  
saline  
lavage  
compartment  
louis  
water

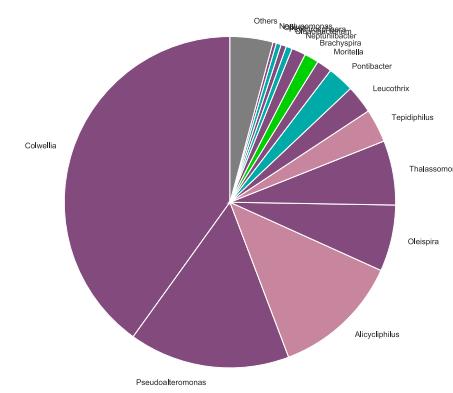


Image from:

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## Topic #8



sodium tail alberta methanogen planktonic sand  
injection water aquatic methanogenic downstream upstream  
hydrocarbon solid downstream upstream  
degrade oil pipe pond marmur  
transport

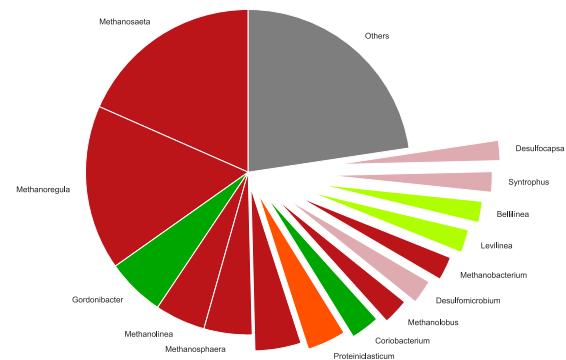
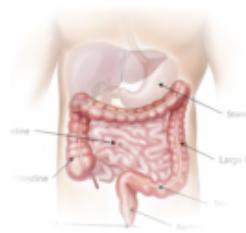


Image from:

[https://commons.wikimedia.org/wiki/File%3AIron\\_hydroxide\\_precipitate\\_in\\_stream.jpg](https://commons.wikimedia.org/wiki/File%3AIron_hydroxide_precipitate_in_stream.jpg)

## Topic #9



kwashiorkor  
dry discordant caballus faeces  
gut faecal chronic mother twin equus new  
fecal food malawian north  
healthy

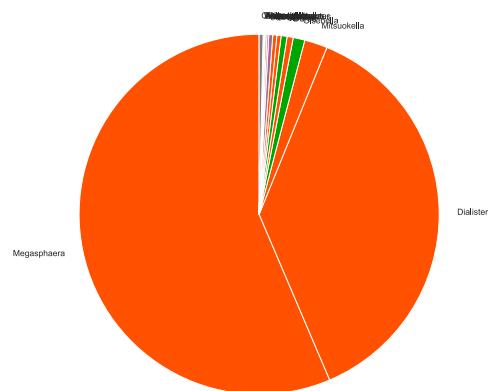


Image from:

<https://pixabay.com/en/abdomen-intestine-large-small-1698565/>

## Topic #10



black spring hot mine rocky skin mountain  
corrosion biofilm concrete  
hot mine rocky skin mountain  
acid sediment new zealand west  
transport canada geothermal archaeal

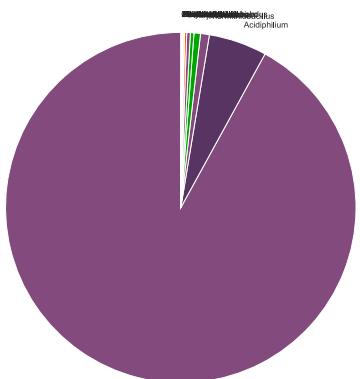


Image from:

<https://pixabay.com/en/channel-sewage-sludge-unsanitary-1692671/>

## Topic #11



baltic marine surface hot algal  
tissue western epibacterial submerge  
beach coast expose new  
sand oil gulf  
vesiculosus brown fucus epibiont

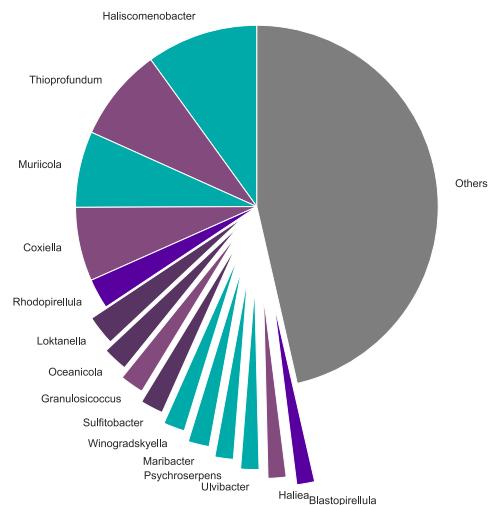


Image from:

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## Topic #12



fine bone sodium oral canal  
chronic saline root lesion dental  
tonsil fluid diseased biofilm  
surface infection hydrogen access chamber

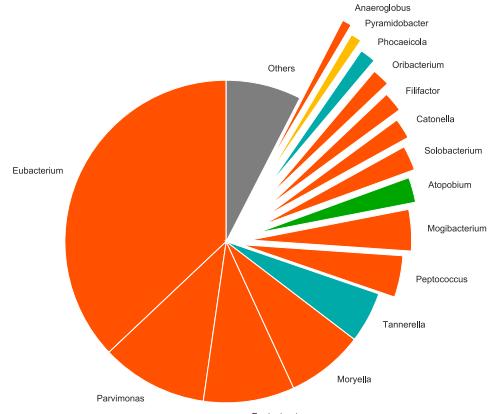


Image from:

<https://pixabay.com/en/teeth-dentist-dental-mouth-white-1652937/>

## Topic #13



seat naris female skin  
america volar adolescent  
male fossa broadleaf pillowcase  
fossa home toilethouse forearm  
disease crease indoor

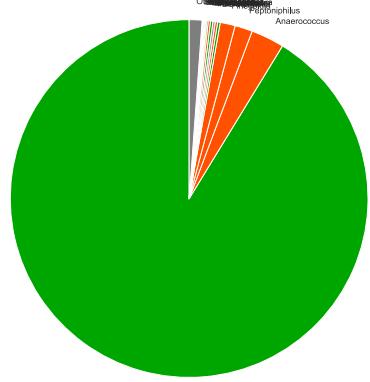
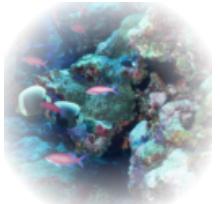


Image from:

[https://commons.wikimedia.org/wiki/File%3AHuman\\_Hand.JPG](https://commons.wikimedia.org/wiki/File%3AHuman_Hand.JPG)

## Topic #14



marine healthy acropora  
fore dorsal biopsy  
dorsal deep near maine station mucus  
coral reef hawaii saudi arabia material organic  
skin

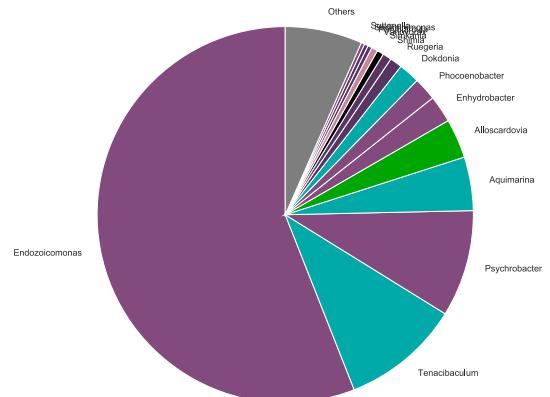


Image from:

<https://pixabay.com/en/marine-harbour-underwater-world-1629758/>

## Topic #15



cavity organic subgingival  
right oral male periodontal hand father front  
oral dorsum supragingival plaque saline  
female white periodontitis leave surface

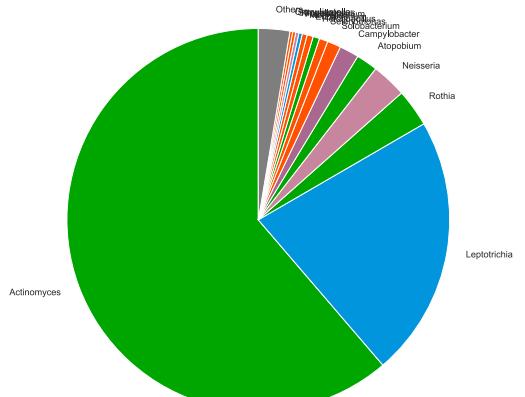


Image from:

<https://pixabay.com/en/teeth-dentist-dental-mouth-white-1652937/>

## Topic #16



fecal  
recipient  
healthy  
mother  
natural  
child  
gnotobiotic  
mediterranean  
discordant  
twin  
malawian  
transplant  
mouse  
caucasian  
kwashiorkor  
america

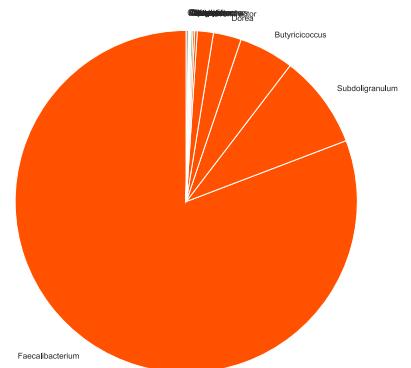


Image from:  
<https://pixabay.com/en/teeth-dentist-dental-mouth-white-1652937/>

## Topic #17



temperate  
peat  
norway  
tree  
fungus  
ant  
tropical  
finland  
soil  
mineral  
forest  
garden  
mountain  
coniferous  
wood  
nest  
active  
natural

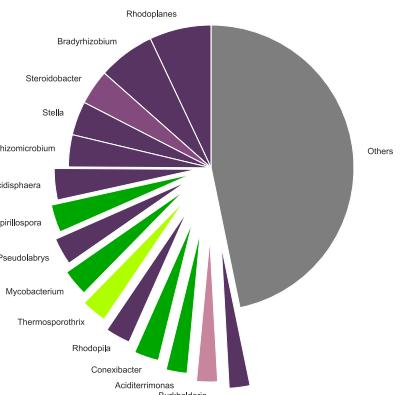


Image from:  
<https://pixabay.com/en/forest-trees-ecology-environment-272595/>

## Topic #18



juvenile  
lettuce  
inoculum  
nematode  
pesticide  
biofilter  
high  
bos  
bioreactor  
brazoria  
wildlife  
texas  
arable  
soil  
sediment  
sand  
fermentation  
national  
carboxylate  
bovine  
young  
bioreactor  
brazoria  
wildlife  
texas  
plant  
bovine  
arable  
soil  
sediment

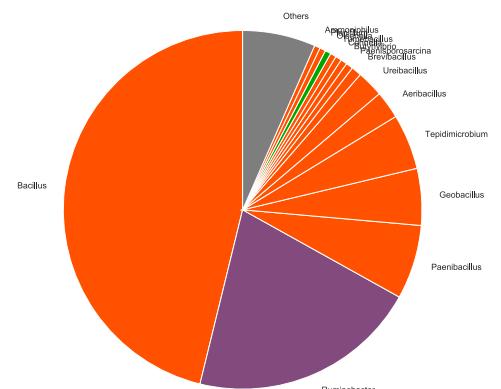


Image from:  
<https://pixabay.com/en/tractor-labour-agricultural-machine-1732125/>

## Topic #19



rootplate  
farm  
tucson  
fatty  
young  
gut  
plant  
greenhouse  
archaea  
infection  
soil  
rhizosphere  
archaea  
infection  
sugarcane  
old

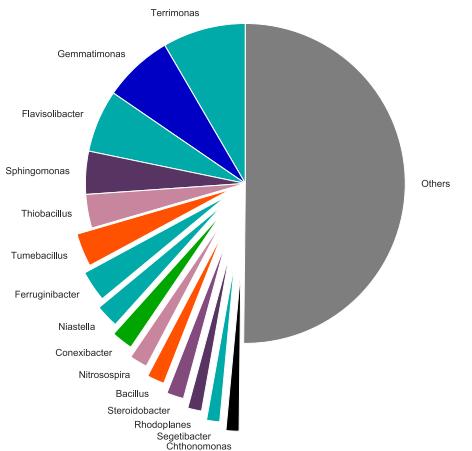


Image from:  
<https://pixabay.com/en/potatoes-land-fruit-why-potato-1637280/>

## Topic #20

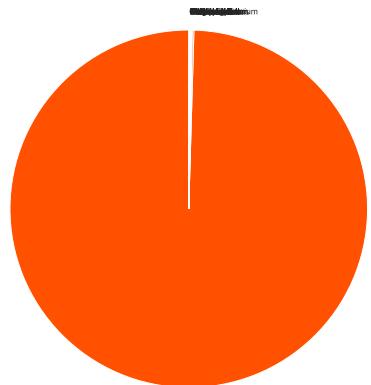
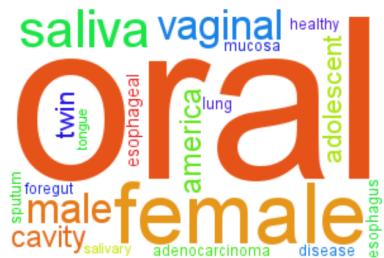


Image from:

<https://pixabay.com/en/teeth-dentist-dental-mouth-white-1652937/>

## Topic #21

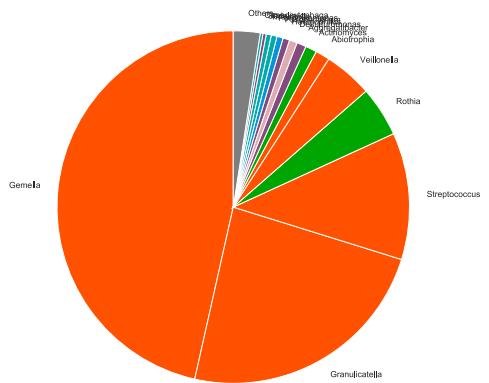


Image from:

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## Topic #22

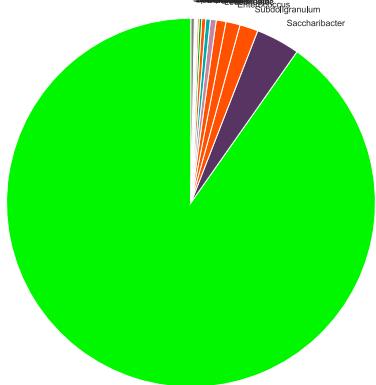


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## Topic #23

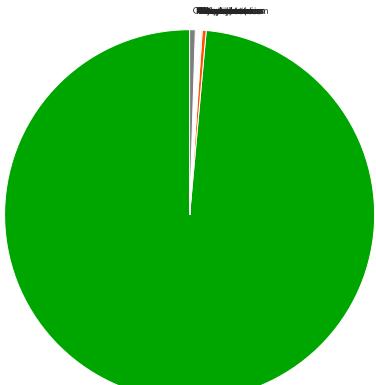


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## Topic #24

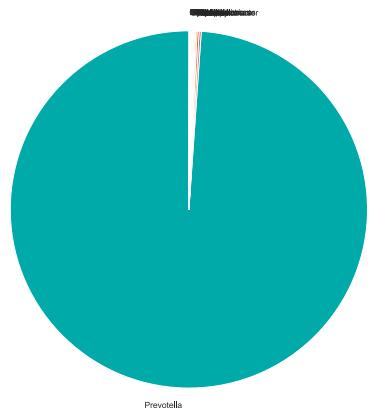
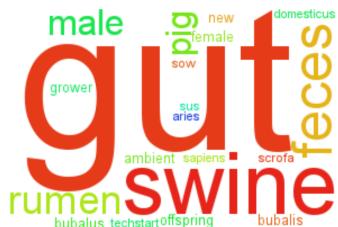


Image from:

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## Topic #25

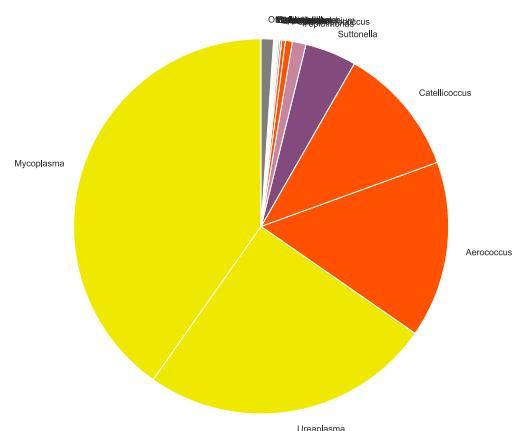


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## Topic #26

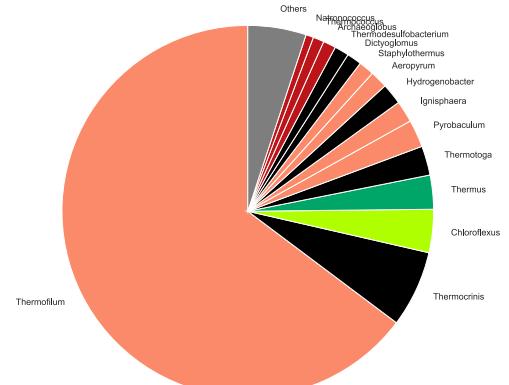
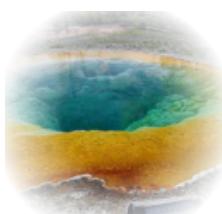


Image from:

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## Topic #27

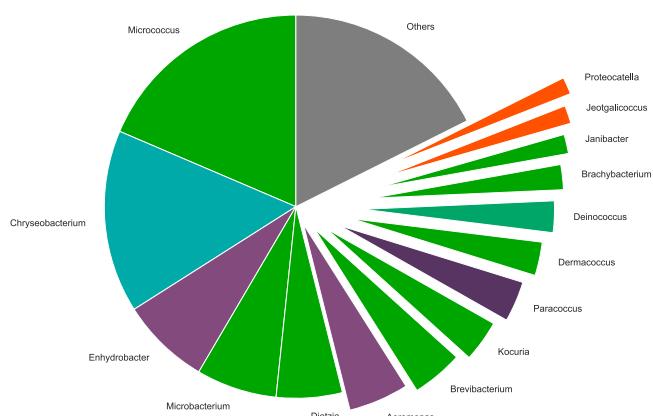
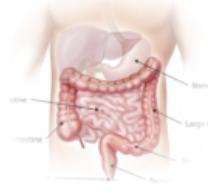


Image from:

[https://commons.wikimedia.org/wiki/File%3AHuman\\_Hand.JPG](https://commons.wikimedia.org/wiki/File%3AHuman_Hand.JPG)

## Topic #28



stool abdominal bowel  
caucasian form  
child feces  
volunteer  
female  
father male  
mediterranean  
acid insect  
gut  
america  
fecal recurrent male

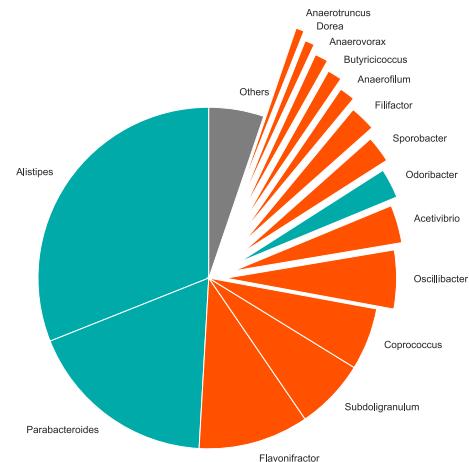


Image from:

<https://pixabay.com/en/abdomen-intestine-large-small-1698565/>

## Topic #29



oil kingdom reservoir  
poland west plaque  
oral biofilm product  
dental terrestri  
liquid plaque  
pseudoplasmodium  
periodontal adult  
germany  
terrestrial dietary industrial ancient

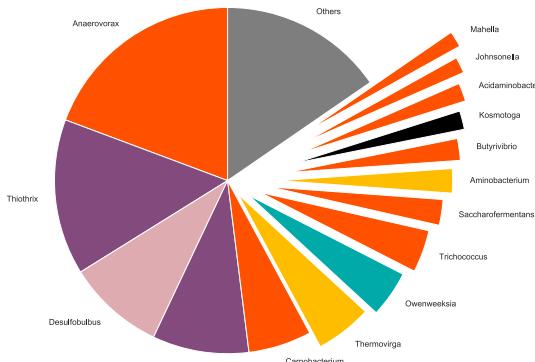


Image from:

<https://pixabay.com/en/help-information-question-tip-1724292/>

## Topic #30



tonsil palate throat dorsum lung  
airway transplant  
smoker homo  
tongue lesion  
oral pediatric recipient  
distinct infection  
male female  
australia  
clinically

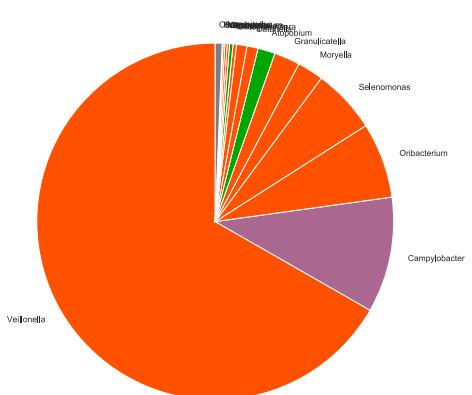


Image from:

<https://pixabay.com/en/teeth-dentist-dental-mouth-white-1652937/>

## Topic #31



feces foregut  
crohn division  
obese  
fort  
female  
esophageal  
gut  
disease  
healthy  
fecal  
canine  
cessation  
pregnancy  
probiotics  
adenocarcinoma  
gut  
male

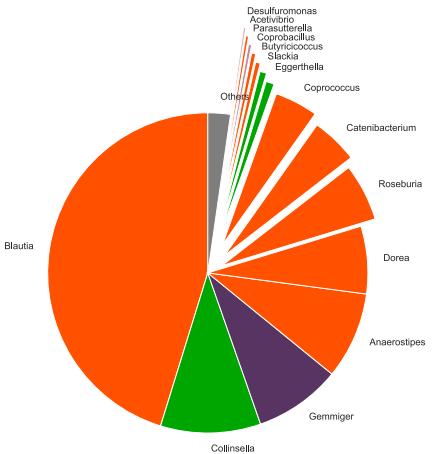


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## Topic #32

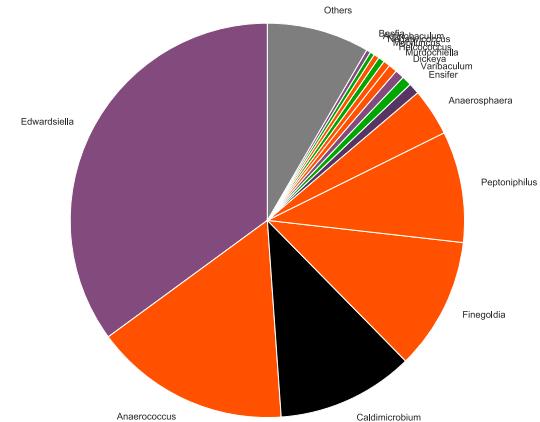


Image from:  
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## Topic #33

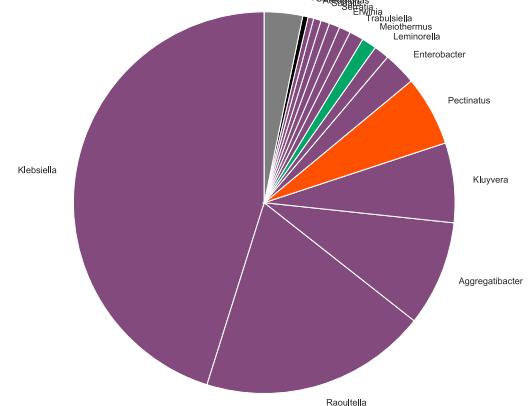


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## Topic #34

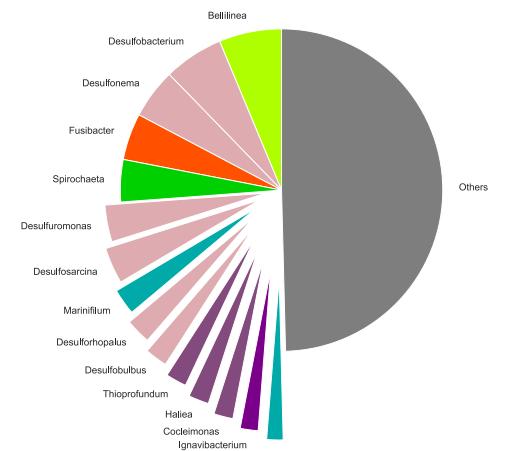
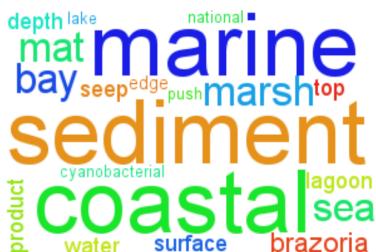


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## Topic #35

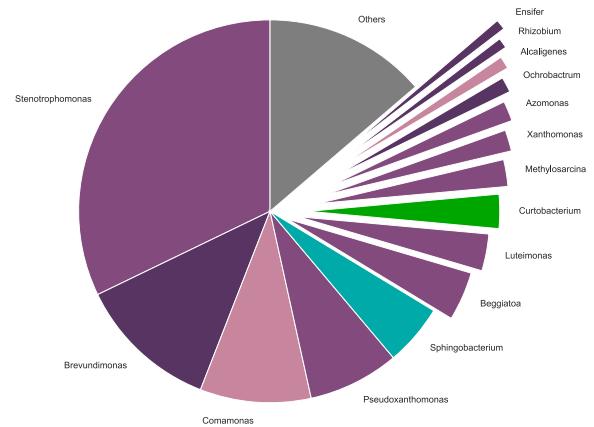
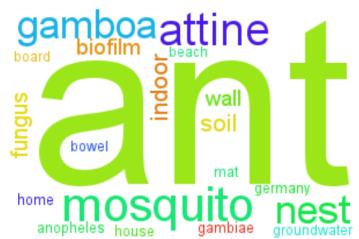


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## Topic #36

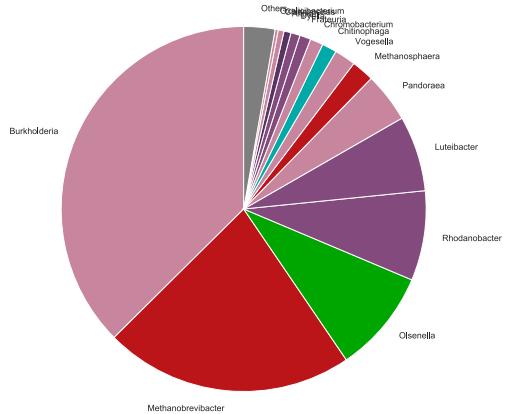


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## Topic #37

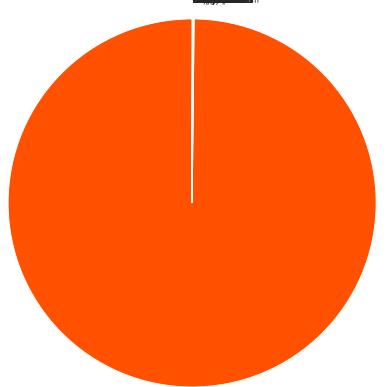
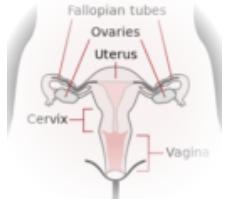


Image from:

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## Topic #38

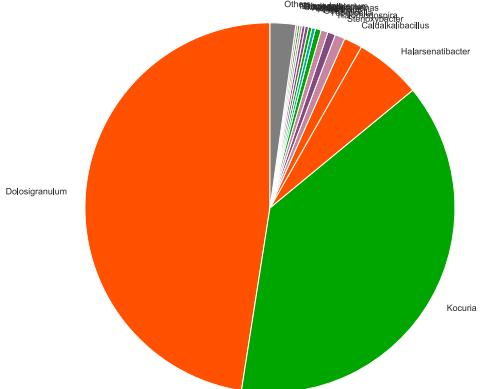


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## Topic #39

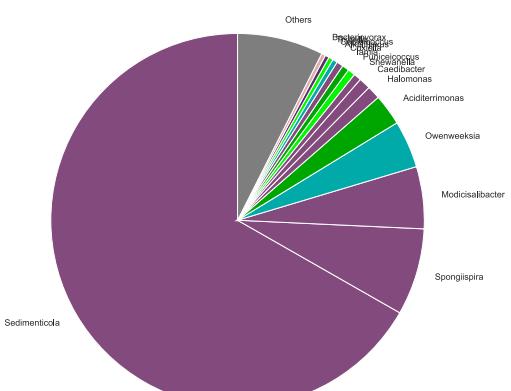
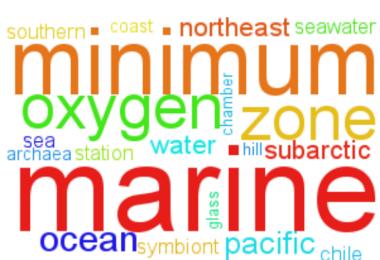


Image from:

<https://pixabay.com/en/ocean-wave-sea-water-tide-tidal-918999/>