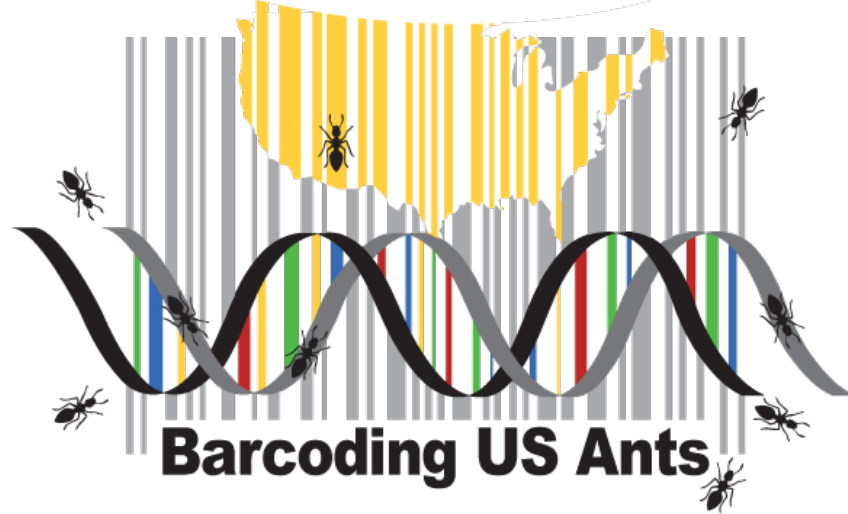
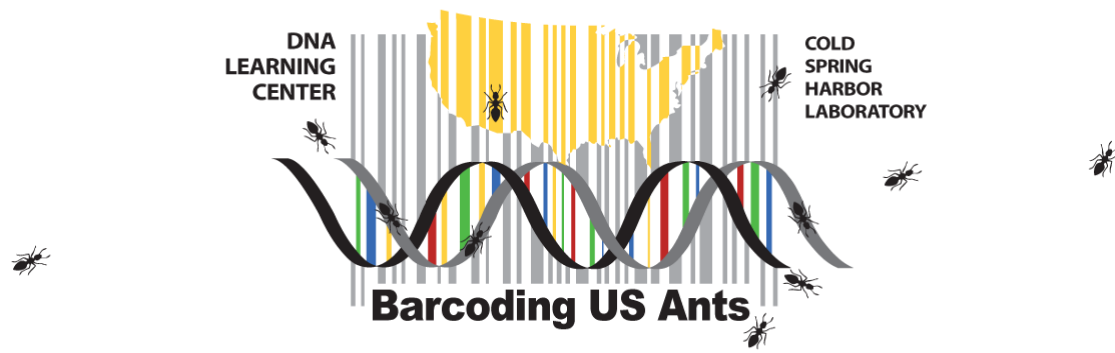


DNA LEARNING CENTER COLD SPRING HARBOR LABORATORY



Unpublished Barcodes Regional Species “Hit Lists” (West to East)



Northern Rockies/Pacific Coast

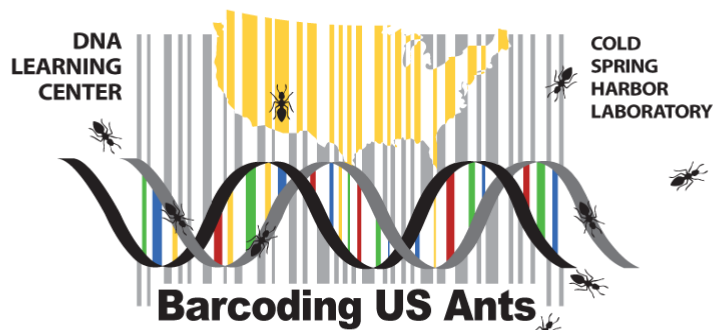
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	FVCC-Glacier Ant Trackers	MT	Glacier National Park
2	JACS Missoula	MT	Diverse habitats
3	Missoula Butterfly House and Insectarium	MT	Diverse habitats
4	Islanders	AK	Old growth coniferous forests, bogs, alpine tundra
5	North Olympic Peninsula ANTA(NOPANTS)	WA	Many diverse habitats

Target Species List

Below is a list of US ant species that missing barcodes in GenBank that occur within your region. We have assigned some of these species to your team (according to the numbers above) if it seems like that species occurs near your locale and you have a good chance of encountering it. Remember, you should set out to try and some of these, but some will be hard to find. You should try to find at least a few of the “Common” or “Uncommon” species, but plan very carefully for “Rare” species collection. Some of these species may only have ever been collected a handful of times or come from very specific locales. Do your research ahead of time to figure out which species you may want to go after and the best collecting methods to get them!

Rarity	Subfamily	Genus	Species	Team Assignment
Uncommon	Formicinae	<i>Camponotus</i>	<i>laevissimus</i>	1,2,3,5
Common	Formicinae	<i>Camponotus</i>	<i>maccooki</i>	1,2,3,4,5
Common	Myrmicinae	<i>Crematogaster</i>	<i>coarctata</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>altipetens</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>bradleyi</i>	1,2,3,4,5
Unknown	Formicinae	<i>Formica</i>	<i>canadensis</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>ciliata</i>	1,2,3
Unknown	Formicinae	<i>Formica</i>	<i>coloradensis</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>comate</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>criniventris</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>curiosa</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>fossiceps</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>hewitti</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>integroides</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>laeviceps</i>	1,2,3,4,5



Common	Formicinae	<i>Formica</i>	<i>lepida</i>	1,2,3,5
Common	Formicinae	<i>Formica</i>	<i>limata</i>	1,2,3,5
Common	Formicinae	<i>Formica</i>	<i>manni</i>	4,5
Common	Formicinae	<i>Formica</i>	<i>microgyna</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>montana</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>mucescens</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>neoclara</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>obscuriventris</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>obtusopilosa</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>occulta</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>opaciventris</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>oreas</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>oregonensis</i>	5
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>pergandei</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>propinqua</i>	4,5
Common	Formicinae	<i>Formica</i>	<i>puberula</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>ravida</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>rubicunda</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>spatulata</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>subnitens</i>	4,5
Common	Formicinae	<i>Formica</i>	<i>subpolita</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>transmontanis</i>	4,5
Uncommon	Formicinae	<i>Formica</i>	<i>vinculans</i>	4
Common	Formicinae	<i>Formica</i>	<i>xerophila</i>	4,5
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>diversipilosus</i>	4,5
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>hirticornis</i>	1,2,3,5
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>provancheri</i>	1,2,3
Unknown	Myrmicinae	<i>Formicoxenus</i>	<i>quebecensis</i>	4
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>coloradensis</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>minutus</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Lasius</i>	<i>murphyi</i>	1,2,3
Uncommon	Formicinae	<i>Lasius</i>	<i>vestitus</i>	4,5
Rare	Myrmicinae	<i>Leptothorax</i>	<i>faberi</i>	4
Rare	Myrmicinae	<i>Leptothorax</i>	<i>wilsoni</i>	4
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>glacialis</i>	1,2,3,4
Common	Myrmicinae	<i>Solenopsis</i>	<i>validiuscula</i>	1,2,3,4,5
Common	Myrmicinae	<i>Temnothorax</i>	<i>rudis</i>	5



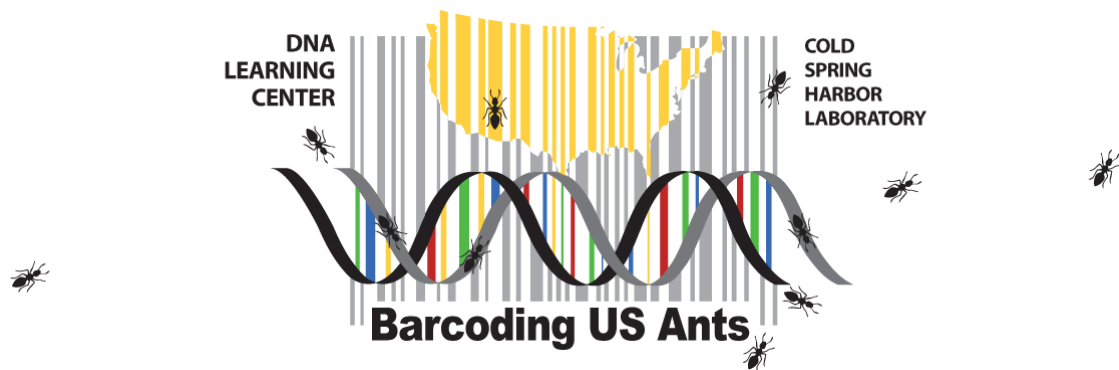
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	Ant Nueva Team (A.N.T.)	CA	Redwood, Sierra Nevada
2	College of Marin	CA	College of Marin
3	Formici-Bay	CA	SF Bay Area

Target Species List

Below is a list of US ant species that missing barcodes in GenBank that occur within your region. We have assigned some of these species to your team (according to the numbers above) if it seems like that species occurs near your locale and you have a good chance of encountering it. Remember, you should set out to try and some of these, but some will be hard to find. You should try to find at least a few of the “Common” or “Uncommon” species, but plan very carefully for “Rare” species collection. Some of these species may only have ever been collected a handful of times or come from very specific locales. Do your research ahead of time to figure out which species you may want to go after and the best collecting methods to get them!

Rarity	Subfamily	Genus	Species	Team Assignment
Uncommon	Formicinae	<i>Camponotus</i>	<i>anthrax</i>	1,2,3
Uncommon	Formicinae	<i>Camponotus</i>	<i>bakeri</i>	1,2,3
Common	Formicinae	<i>Camponotus</i>	<i>dumetorum</i>	1,2,3
Uncommon	Formicinae	<i>Camponotus</i>	<i>laevissimus</i>	1,2,3
Common	Formicinae	<i>Camponotus</i>	<i>maccooki</i>	1,2,3
Common	Formicinae	<i>Camponotus</i>	<i>maritimus</i>	1,2,3
Rare	Formicinae	<i>Colobopsis</i>	<i>cavibregma</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>coarctata</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>depilis</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>altipetens</i>	1,2,3
Unknown	Formicinae	<i>Formica</i>	<i>californica</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>francoeuri</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>integroides</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>lepida</i>	1,2,3
Unknown	Formicinae	<i>Formica</i>	<i>longipilosa</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>microphthalma</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>neoclara</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>nevadensis</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>oreas</i>	1,2,3



Common	Formicinae	<i>Formica</i>	<i>propinqua</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>ravida</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>subelongata</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>subpolita</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>xerophila</i>	1,2,3
Introduced	Ponerinae	<i>Hypoponera</i>	<i>ergatandria</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3
Uncommon	Formicinae	<i>Lasius</i>	<i>atopus</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>minutus</i>	1,2,3
Uncommon	Myrmicinae	<i>Manica</i>	<i>bradleyi</i>	1,2,3
Rare	Myrmicinae	<i>Manica</i>	<i>parasitica</i>	1,2,3
Common	Myrmicinae	<i>Monomorium</i>	<i>ergatogyna</i>	1,2,3
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>glacialis</i>	1,2,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>californicus</i>	1,2,3
Uncommon	Myrmicinae	<i>Pheidole</i>	<i>creightoni</i>	2
Rare	Formicinae	<i>Polyergus</i>	<i>vinosus</i>	1,2,3
Rare	Proceratiinae	<i>Proceratium</i>	<i>californicum</i>	1,2,3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>tennesseensis</i>	1,2,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>texana</i>	1,2,3
Common	Myrmicinae	<i>Strumigenys</i>	<i>membranifera</i>	1,2,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>reliquia</i>	1,2,3
Uncommon	Dolichoderinae	<i>Tapinoma</i>	<i>schreiberi</i>	1,2,3
Common	Myrmicinae	<i>Temnothorax</i>	<i>caguatan</i>	1,2,3
Rare	Myrmicinae	<i>Temnothorax</i>	<i>chandleri</i>	1,2,3
Rare	Myrmicinae	<i>Temnothorax</i>	<i>quasimodo</i>	1,2,3
Common	Myrmicinae	<i>Temnothorax</i>	<i>rudis</i>	1,2,3
Uncommon	Myrmicinae	<i>Veromessor</i>	<i>chamberlini</i>	1,2,3
Uncommon	Myrmicinae	<i>Veromessor</i>	<i>chicoensis</i>	1,2,3
Uncommon	Myrmicinae	<i>Veromessor</i>	<i>lariversi</i>	1,2,3
Common	Myrmicinae	<i>Veromessor</i>	<i>pergandei</i>	1,2,3



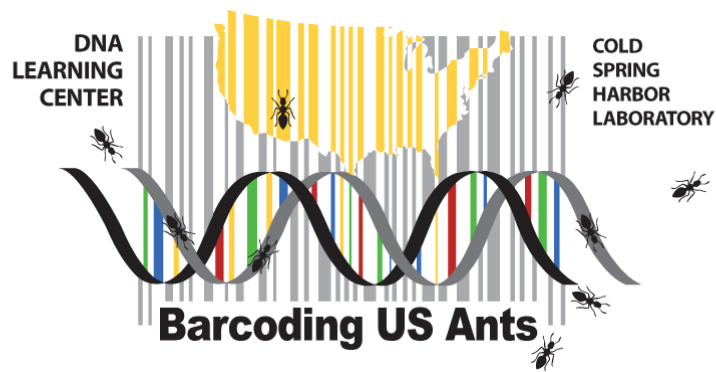
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	South Sevier	UT	Monroe County
2	Southern Nevada Scientistas	NV	Desert
3	Vegas Area Barcoding Community	NV	Suburban Desert

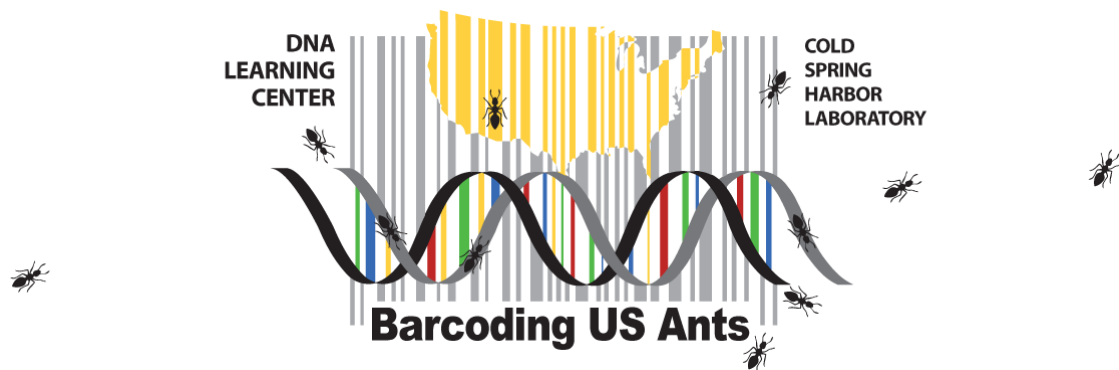
Target Species List

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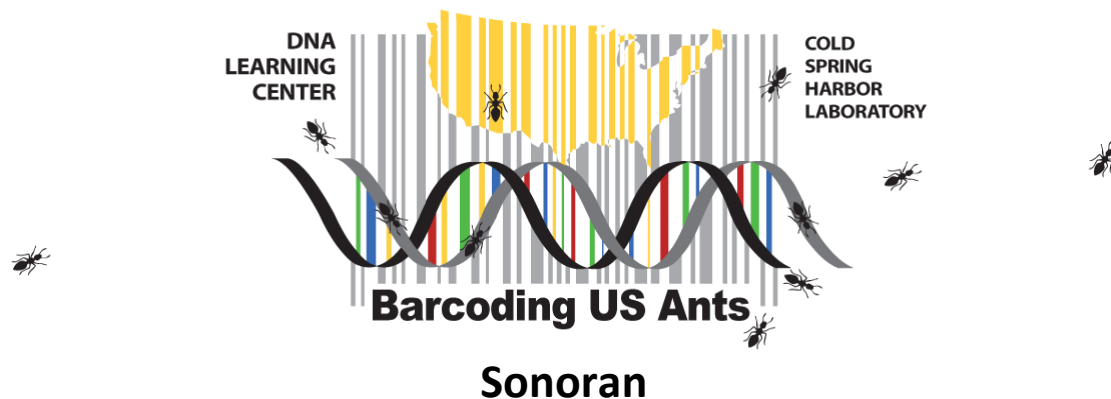
Rarity	Subfamily	Genus	Species	Team Assignment
Uncommon	Dorylinae	<i>Acanthostichus</i>	<i>davisi</i>	1,2,3
Common	Myrmicinae	<i>Acromyrmex</i>	<i>versicolor</i>	2,3
Uncommon	Formicinae	<i>Camponotus</i>	<i>acutirostris</i>	1
Common	Myrmicinae	<i>Crematogaster</i>	<i>coarctata</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>depilis</i>	1,2,3
Uncommon	Myrmicinae	<i>Crematogaster</i>	<i>navajoa</i>	1,2,3
Rare	Myrmicinae	<i>Crematogaster</i>	<i>nocturna</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>vermiculata</i>	1,2,3
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>flavus</i>	1,2,3
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>smithi</i>	1,2,3
Common	Dolichoderinae	<i>Forelius</i>	<i>mccooki</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>altipetens</i>	1,2,3
Rare	Formicinae	<i>Formica</i>	<i>calviceps</i>	1
Uncommon	Formicinae	<i>Formica</i>	<i>canadensis</i>	1
Common	Formicinae	<i>Formica</i>	<i>ciliata</i>	1
Common	Formicinae	<i>Formica</i>	<i>coloradensis</i>	1
Uncommon	Formicinae	<i>Formica</i>	<i>comata</i>	1
Rare	Formicinae	<i>Formica</i>	<i>emeryi</i>	1
Uncommon	Formicinae	<i>Formica</i>	<i>fossiceps</i>	1



Common	Formicinae	<i>Formica</i>	<i>gnava</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>gynocrates</i>	1
Common	Formicinae	<i>Formica</i>	<i>hewitti</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>integroides</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>laeviceps</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>lepida</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>limata</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>manni</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>microgyna</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>montana</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>mucescens</i>	1
Uncommon	Formicinae	<i>Formica</i>	<i>nevadensis</i>	2,3
Common	Formicinae	<i>Formica</i>	<i>obscuriventris</i>	1
Common	Formicinae	<i>Formica</i>	<i>obtusopilosa</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>occulta</i>	1
Common	Formicinae	<i>Formica</i>	<i>oreas</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	1
Common	Formicinae	<i>Formica</i>	<i>propinqua</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>puberula</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>ravida</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>subnitens</i>	1
Common	Formicinae	<i>Formica</i>	<i>xerophila</i>	1,2,3
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>chamberlini</i>	1
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>diversipilosus</i>	1
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>hirticornis</i>	1
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>coloradensis</i>	1,2,3
Rare	Formicinae	<i>Lasius</i>	<i>creightoni</i>	1
Rare	Formicinae	<i>Lasius</i>	<i>humilis</i>	1
Common	Formicinae	<i>Lasius</i>	<i>minutus</i>	1,2,3
Uncommon	Formicinae	<i>Lasius</i>	<i>murphyi</i>	1
Uncommon	Formicinae	<i>Lasius</i>	<i>vestitus</i>	1,2,3
Uncommon	Myrmicinae	<i>Leptothorax</i>	<i>crassipilis</i>	1,2,3
Uncommon	Myrmicinae	<i>Manica</i>	<i>bradleyi</i>	2,3
Rare	Myrmicinae	<i>Manica</i>	<i>parasitica</i>	2,3
Common	Myrmicinae	<i>Monomorium</i>	<i>ergatogyna</i>	1,2,3
Rare	Formicinae	<i>Myrmecocystus</i>	<i>arenarius</i>	2,3
Rare	Formicinae	<i>Myrmecocystus</i>	<i>christineae</i>	2,3
Rare	Formicinae	<i>Myrmecocystus</i>	<i>colei</i>	2,3



Rare	Formicinae	<i>Myrmecocystus</i>	<i>ewarti</i>	2,3
Rare	Formicinae	<i>Myrmecocystus</i>	<i>hammettensis</i>	1,2,3
Unknown	Myrmicinae	<i>Myrmica</i>	<i>wheelerorum</i>	1,2,3?
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>californicus</i>	1
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>kiowapache</i>	1,2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>leonardi</i>	2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>nyensis</i>	2,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>wilsoni</i>	2,3
Rare	Formicinae	<i>Nylanderia</i>	<i>magnella</i>	2,3
Rare	Myrmicinae	<i>Pheidole</i>	<i>grundmanni</i>	1
Uncommon	Myrmicinae	<i>Pheidole</i>	<i>paiute</i>	1,2,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>salina</i>	1,2,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>validiuscula</i>	1,2,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>ananeotes</i>	1
Uncommon	Dolichoderinae	<i>Tapinoma</i>	<i>schreiberi</i>	2,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>furunculus</i>	1
Rare	Myrmicinae	<i>Temnothorax</i>	<i>nuwuvi</i>	2,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>silvestrii</i>	1
Uncommon	Myrmicinae	<i>Veromessor</i>	<i>lariversi</i>	2,3
Common	Myrmicinae	<i>Veromessor</i>	<i>pergandei</i>	1,3
Uncommon	Myrmicine	<i>Veromessor</i>	<i>smithi</i>	1,2,3



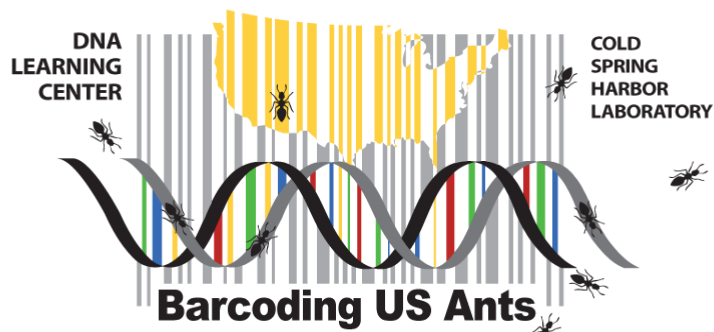
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	GateWay Community College Biology	AZ	Phoenix
2	Navajo Nation HS Teacher	AZ	Apache County
3	Sonoran Urban aNts (S.U.N.)	AZ	Sonoran Desert

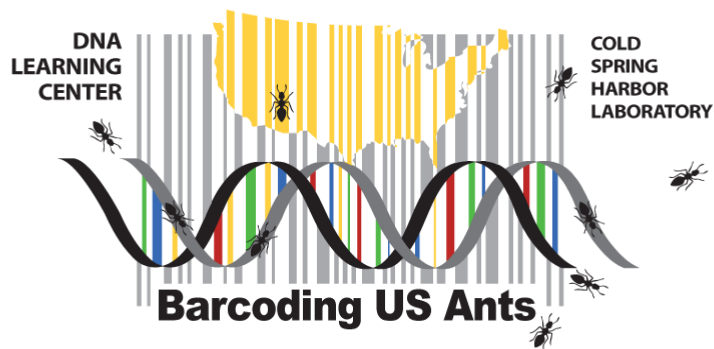
Target Species List

Below is a list of US ant species that missing barcodes in GenBank that occur within your region. We have assigned some of these species to your team (according to the numbers above) if it seems like that species occurs near your locale and you have a good chance of encountering it. Remember, you should set out to try and some of these, but some will be hard to find. You should try to find at least a few of the “Common” or “Uncommon” species, but plan very carefully for “Rare” species collection. Some of these species may only have ever been collected a handful of times or come from very specific locales. Do your research ahead of time to figure out which species you may want to go after and the best collecting methods to get them!

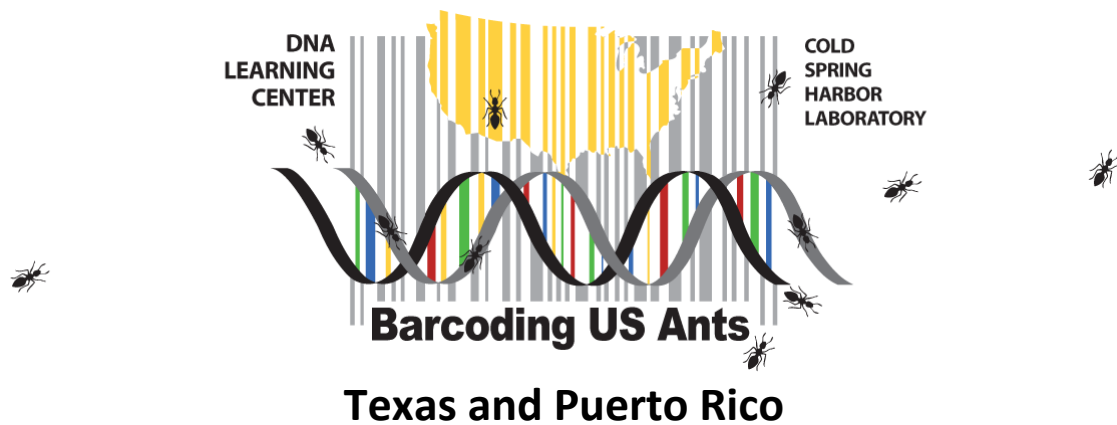
Rarity	Subfamily	Genus	Species	Team Assignment
Rare	Dorylinae	<i>Acanthostichus</i>	<i>arizonensis</i>	3
Uncommon	Dorylinae	<i>Acanthostichus</i>	<i>davisi</i>	1,2,3
Rare	Dorylinae	<i>Acanthostichus</i>	<i>punctiscapus</i>	1,3
Common	Myrmicinae	<i>Acromyrmex</i>	<i>versicolor</i>	1,2,3
Uncommon	Myrmicinae	<i>Aphaenogaster</i>	<i>punctaticeps</i>	1,3
Rare	Formicinae	<i>Camponotus</i>	<i>absquatulator</i>	1
Uncommon	Formicinae	<i>Camponotus</i>	<i>acutirostris</i>	1,2,3
Uncommon	Formicinae	<i>Camponotus</i>	<i>laevissimus</i>	1,2,3
Rare	Formicinae	<i>Camponotus</i>	<i>microps</i>	2,3
Common	Formicinae	<i>Camponotus</i>	<i>mina</i>	1,2,3
Common	Formicinae	<i>Camponotus</i>	<i>pudorosus</i>	1,2,3
Uncommon	Formicinae	<i>Camponotus</i>	<i>trepidulus</i>	1,2,3
Rare	Formicinae	<i>Colobopsis</i>	<i>acuta</i>	2,3
Uncommon	Formicinae	<i>Colobopsis</i>	<i>Papago</i>	1,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>coarctata</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>depilis</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>isolata</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>missouriensis</i>	1,2,3
Uncommon	Myrmicinae	<i>Crematogaster</i>	<i>navajoa</i>	1,2,3
Rare	Myrmicinae	<i>Crematogaster</i>	<i>nocturna</i>	1,2,3



Rare	Myrmicinae	<i>Crematogaster</i>	<i>opaca</i>	3
Common	Myrmicinae	<i>Crematogaster</i>	<i>punctulata</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>vermiculata</i>	1,2,3
Uncommon	Myrmicinae	<i>Cyphomyrmex</i>	<i>flavidus</i>	1,2,3
Rare	Myrmicinae	<i>Dolopomyrmex</i>	<i>pilatus</i>	2,3
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>flavus</i>	1,2,3
Rare	Dolichoderinae	<i>Dorymyrmex</i>	<i>paiute</i>	2
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>smithi</i>	1,2,3
Rare	Dolichoderinae	<i>Dorymyrmex</i>	<i>wheeleri</i>	1,2,3
Common	Dolichoderinae	<i>Forelius</i>	<i>mccooki</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>altipetens</i>	2
Rare	Formicinae	<i>Formica</i>	<i>browni</i>	3
Uncommon	Formicinae	<i>Formica</i>	<i>canadensis</i>	3
Uncommon	Formicinae	<i>Formica</i>	<i>coloradensis</i>	2
Uncommon	Formicinae	<i>Formica</i>	<i>comata</i>	2
Common	Formicinae	<i>Formica</i>	<i>criniventris</i>	2
Rare	Formicinae	<i>Formica</i>	<i>emeryi</i>	2
Uncommon	Formicinae	<i>Formica</i>	<i>foreliana</i>	1,3
Common	Formicinae	<i>Formica</i>	<i>gnava</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>gynocrates</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>hewitti</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>integroides</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>manni</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>microgyna</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>mucescens</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>neoclara</i>	2
Common	Formicinae	<i>Formica</i>	<i>obtusopilosa</i>	2
Common	Formicinae	<i>Formica</i>	<i>occulta</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>opaciventris</i>	2
Common	Formicinae	<i>Formica</i>	<i>oreas</i>	2
Common	Formicinae	<i>Formica</i>	<i>propinqua</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>puberula</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>subnitens</i>	2,3
Common	Formicinae	<i>Formica</i>	<i>xerophila</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3
Uncommon	Formicinae	<i>Lasius</i>	<i>colei</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>coloradensis</i>	2
Rare	Formicinae	<i>Lasius</i>	<i>humilis</i>	2,3
Uncommon	Formicinae	<i>Lasius</i>	<i>murphyi</i>	2
Uncommon	Formicinae	<i>Lasius</i>	<i>vestitus</i>	2
Uncommon	Myrmicinae	<i>Leptothorax</i>	<i>crassipilis</i>	1,2,3



Common	Dolichoderinae	<i>Liometopum</i>	<i>apiculatum</i>	1,2,3
Common	Myrmicinae	<i>Monomorium</i>	<i>ergatogyna</i>	3
Rare	Myrmicinae	<i>Myrmica</i>	<i>mexicana</i>	3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>agilis</i>	1,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>andrei</i>	1,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>fuscipennis</i>	3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>graciellae</i>	3
Common	Dorylinae	<i>Neivamyrmex</i>	<i>harrisii</i>	1,2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>kiowapache</i>	1,2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>leonardi</i>	3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>melanocephalus</i>	3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>microps</i>	1,3
Common	Dorylinae	<i>Neivamyrmex</i>	<i>minor</i>	1,2,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>ndeh</i>	3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>nyensis</i>	1,2,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>rugulosus</i>	3
Common	Myrmicinae	<i>Novomessor</i>	<i>albisetosus</i>	1,2,3
Uncommon	Formicinae	<i>Nylanderia</i>	<i>austroccidua</i>	3
Common	Formicinae	<i>Nylanderia</i>	<i>bruesii</i>	1,3
Uncommon	Ponerinae	<i>Odontomachus</i>	<i>desertorum</i>	1,3
Uncommon	Myrmicinae	<i>Pheidole</i>	<i>furtiva</i>	3
Common	Myrmicinae	<i>Pheidole</i>	<i>tetra</i>	1,3
Rare	Myrmicinae	<i>Pheidole</i>	<i>virago</i>	3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>krockowi</i>	1,2,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>salina</i>	2
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>tennesseensis</i>	2
Common	Myrmicinae	<i>Solenopsis</i>	<i>validiuscula</i>	1,2,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>arizonica</i>	1,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>chiricahua</i>	1,2,3
Common	Myrmicinae	<i>Strumigenys</i>	<i>membranifera</i>	1,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>mixta</i>	1,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>arboreus</i>	1,3
Rare	Myrmicinae	<i>Temnothorax</i>	<i>cokendolpheri</i>	3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>josephi</i>	1,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>politus</i>	1,2,3
Rare	Myrmicinae	<i>Temnothorax</i>	<i>pseudandrei</i>	1,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>silvestrii</i>	1,3
Common	Myrmicinae	<i>Tetramorium</i>	<i>spinosum</i>	1,3
Common	Myrmicinae	<i>Veromessor</i>	<i>pergandei</i>	1,3
Uncommon	Myrmicine	<i>Veromessor</i>	<i>smithi</i>	2



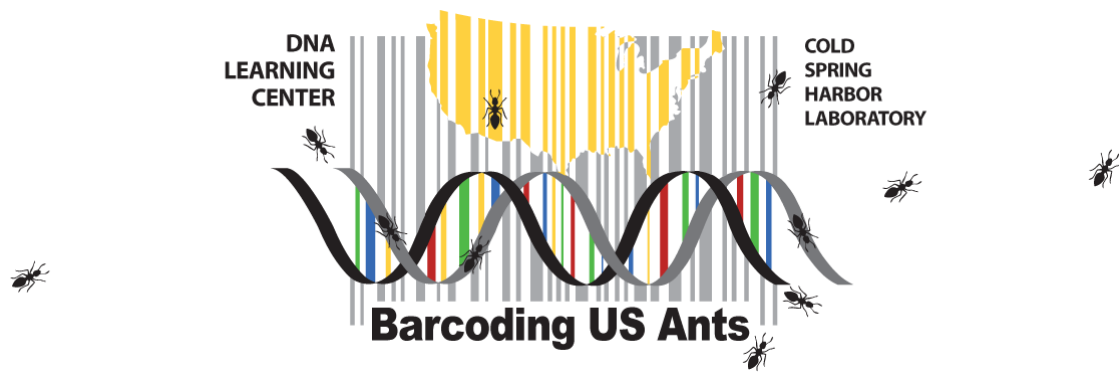
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	Paola Agosto	PR	San Juan Botanical Garden
2	Cisco Wranglers	TX	Semiarid plains + Woodlands
3	JOSMARNAY	TX	Diverse habitats, managed

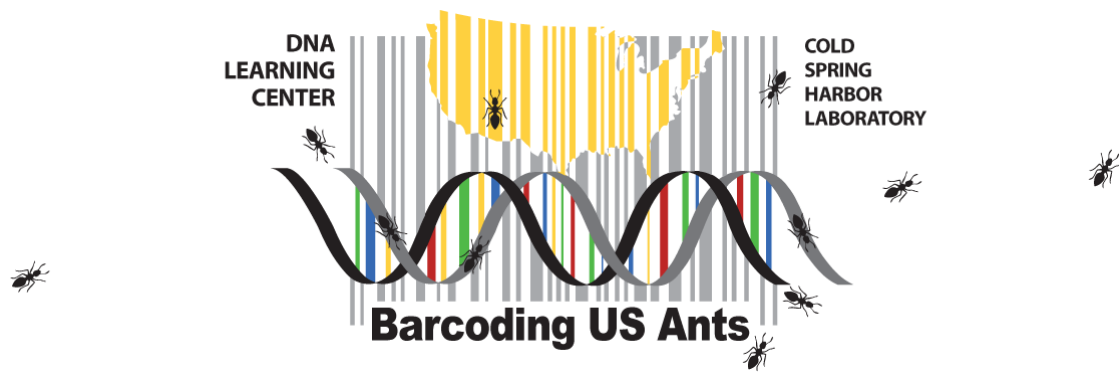
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Rarity	Subfamily	Genus	Species	Team Assignment
Uncommon	Dorylinae	<i>Acanthostichus</i>	<i>texanus</i>	3
Common	Myrmicinae	<i>Acromyrmex</i>	<i>versicolor</i>	2,3
Uncommon	Formicinae	<i>Camponotus</i>	<i>acutirostris</i>	2,3
Common	Formicinae	<i>Camponotus</i>	<i>caryae</i>	2,3
Rare	Formicinae	<i>Camponotus</i>	<i>cuauhtemoc</i>	3
Common	Formicinae	<i>Camponotus</i>	<i>decipiens</i>	2,3
Common	Formicinae	<i>Camponotus</i>	<i>discolor</i>	2,3
Common	Formicinae	<i>Camponotus</i>	<i>texanus</i>	2,3
Uncommon	Myrmicinae	<i>Carebara</i>	<i>longii</i>	2,3
Rare	Formicinae	<i>Colobopsis</i>	<i>acuta</i>	2,3
Uncommon	Formicinae	<i>Colobopsis</i>	<i>etiolata</i>	2,3
Rare	Formicinae	<i>Colobopsis</i>	<i>hunteri</i>	2,3
Common	Formicinae	<i>Colobopsis</i>	<i>impresa</i>	1,2,3
Uncommon	Formicinae	<i>Colobopsis</i>	<i>riehlii</i>	1
Unknown	Myrmicinae	<i>Crematogaster</i>	<i>corvina</i>	3
Common	Myrmicinae	<i>Crematogaster</i>	<i>depilis</i>	2,3
Unknown	Myrmicinae	<i>Crematogaster</i>	<i>distans</i>	1,3
Unknown	Myrmicinae	<i>Crematogaster</i>	<i>isolata</i>	2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>missouriensis</i>	1,2,3



Unknown	Myrmicinae	<i>Crematogaster</i>	<i>obscurata</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>punctulata</i>	2,3
Rare	Myrmicinae	<i>Crematogaster</i>	<i>rifelna</i>	3
Common	Myrmicinae	<i>Crematogaster</i>	<i>vermiculata</i>	2,3
Uncommon	Proceratiinae	<i>Discothyrea</i>	<i>testacea</i>	1,2,3
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>pustulatus</i>	2,3
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>antillanus</i>	1
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>flavus</i>	1,2,3
Rare	Dolichoderinae	<i>Dorymyrmex</i>	<i>lipan</i>	2
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>smithi</i>	2,3
Common	Myrmicinae	<i>Eurhopalothrix</i>	<i>floridana</i>	1
Common	Dolichoderinae	<i>Forelius</i>	<i>mccooki</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>dolosa</i>	2,3
Common	Formicinae	<i>Formica</i>	<i>gnava</i>	2,3
Common	Formicinae	<i>Formica</i>	<i>integra</i>	2,3
Common	Formicinae	<i>Formica</i>	<i>limata</i>	1,2,3
Common	Formicinae	<i>Formica</i>	<i>neoclara</i>	2
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	2,3
Introduced	Ponerinae	<i>Hypoponera</i>	<i>ergatandria</i>	1,2,3
Introduced	Ponerinae	<i>Hypoponera</i>	<i>ragusai</i>	1,2,3
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	2,3
Common	Myrmicinae	<i>Monomorium</i>	<i>ebeninum</i>	1
Common	Myrmicinae	<i>Mycetomoellerius</i>	<i>jamaicensis</i>	1
Common	Myrmicinae	<i>Mycetomoellerius</i>	<i>turrifex</i>	2,3
Uncommon	Myrmicinae	<i>Mycetosoritis</i>	<i>hartmanni</i>	3
Uncommon	Formicinae	<i>Myrmelachista</i>	<i>ramulorum</i>	1
Rare	Myrmicinae	<i>Myrmica</i>	<i>colax</i>	2
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>baylori</i>	2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>fuscipennis</i>	2,3
Common	Dorylinae	<i>Neivamyrmex</i>	<i>harrisii</i>	2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>leonardi</i>	2,3
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>mandibularis</i>	2,3
Common	Dorylinae	<i>Neivamyrmex</i>	<i>melshaemeri</i>	3
Common	Dorylinae	<i>Neivamyrmex</i>	<i>minor</i>	2,3
Rare	Dorylinae	<i>Neivamyrmex</i>	<i>pauxillus</i>	2,3
Rare	Myrmicinae	<i>Nesomyrmex</i>	<i>wilda</i>	2,3
Common	Myrmicinae	<i>Novomessor</i>	<i>albisetosus</i>	2,3
Rare	Formicinae	<i>Nylanderia</i>	<i>austroccidua</i>	3
Common	Formicinae	<i>Nylanderia</i>	<i>bruesii</i>	2,3
Unknown	Myrmicinae	<i>Pheidole</i>	<i>bruesi</i>	1
Unknown	Myrmicinae	<i>Pheidole</i>	<i>bureni</i>	3



Rare	Myrmicinae	<i>Pheidole</i>	<i>humeralis</i>	2,3
Uncommon	Myrmicinae	<i>Pheidole</i>	<i>lamia</i>	3
Rare	Myrmicinae	<i>Pheidole</i>	<i>macclendoni</i>	3
Rare	Myrmicinae	<i>Pheidole</i>	<i>marcidula</i>	2,3
Rare	Myrmicinae	<i>Pheidole</i>	<i>mera</i>	3
Rare	Myrmicinae	<i>Pheidole</i>	<i>nuculiceps</i>	3
Uncommon	Myrmicinae	<i>Pheidole</i>	<i>pinealis</i>	2,3
Common	Myrmicinae	<i>Pheidole</i>	<i>porcula</i>	2,3
Common	Myrmicinae	<i>Pheidole</i>	<i>tetra</i>	2,3
Rare	Myrmicinae	<i>Pheidole</i>	<i>texana</i>	3
Uncommon	Myrmicinae	<i>Pogonomyrmex</i>	<i>texanus</i>	2,3
Unknown	Amblyoponinae	<i>Prionopelta</i>	<i>antillana</i>	1
Rare	Proceratiinae	<i>Proceratium</i>	<i>compitale</i>	3
Rare	Proceratiinae	<i>Proceratium</i>	<i>mexicanum</i>	3
Rare	Pseudomyrmecinae	<i>Pseudomyrmex</i>	<i>caeciliae</i>	3?
Common	Pseudomyrmecinae	<i>Pseudomyrmex</i>	<i>ejectus</i>	3
Rare	Pseudomyrmecinae	<i>Pseudomyrmex</i>	<i>seminole</i>	3
Unknown	Myrmicinae	<i>Solenopsis</i>	<i>corticalis</i>	1
Rare	Myrmicinae	<i>Solenopsis</i>	<i>impolita</i>	3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>krockowi</i>	2,3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>pergandei</i>	2,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>picta</i>	2,3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>pilosula</i>	3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>pygmaea</i>	1,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>salina</i>	2,3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>tennesseensis</i>	3
Common	Myrmicinae	<i>Solenopsis</i>	<i>texana</i>	2,3
Unknown	Myrmicinae	<i>Solenopsis</i>	<i>zeteki</i>	1
Rare	Myrmicinae	<i>Strumigenys</i>	<i>boneti</i>	3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>margaritae</i>	1,2,3
Common	Myrmicinae	<i>Strumigenys</i>	<i>membranifera</i>	1,2,3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>silvestrii</i>	1,2,3
Common	Dolichoderinae	<i>Tapinoma</i>	<i>litorale</i>	1
Rare	Myrmicinae	<i>Temnothorax</i>	<i>andersoni</i>	3
Rare	Myrmicinae	<i>Temnothorax</i>	<i>bristoli</i>	3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>hispidus</i>	2,3
Common	Myrmicinae	<i>Temnothorax</i>	<i>terrigena</i>	2,3
Common	Myrmicinae	<i>Temnothorax</i>	<i>texanus</i>	2,3
Unknown	Myrmicinae	<i>Temnothorax</i>	<i>wheeleri</i>	1
Common	Myrmicinae	<i>Tetramorium</i>	<i>spinosum</i>	2,3



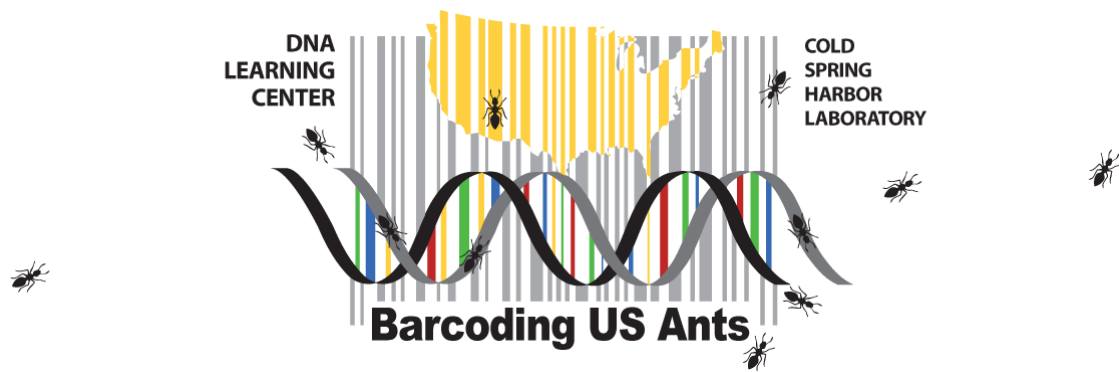
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Teams			
Team No.	Team Name	State	Notes
1	Joliet Ant Wranglers	IL	Joliet Jr. College Campus
2	Ivy Tech – South Bend/Elkhart	IN	St. Joseph River Basin
3	DCHS AP Research	MI	Belle Island Park
4	CasI-Mum Anteaters	NY	Rochester
5	Shea Road Ant Chasers	NY	Onondaga County

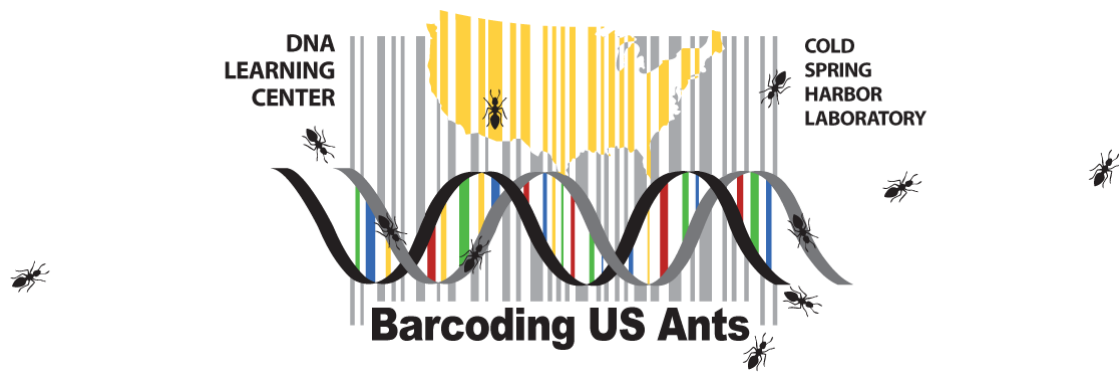
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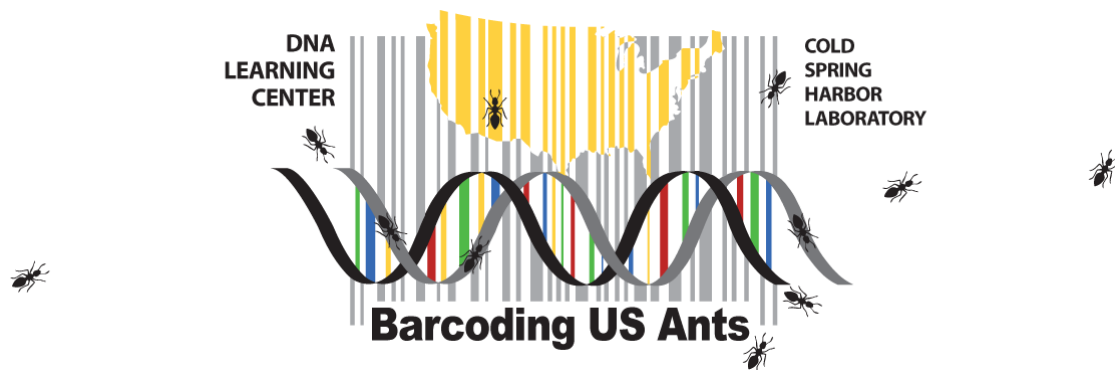
Rarity	Subfamily	Genus	Species	Team Assignment
Common	Formicinae	<i>Camponotus</i>	<i>caryae</i>	1,2,3,4,5
Common	Formicinae	<i>Camponotus</i>	<i>discolor</i>	1,2,3
Common	Formicinae	<i>Camponotus</i>	<i>subbarbatus</i>	1,2,3,4,5
Common	Formicinae	<i>Colobopsis</i>	<i>impressa</i>	1,2,3
Common	Formicinae	<i>Colobopsis</i>	<i>mississippiensis</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>pilosa</i>	1,2,3
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>plagiatus</i>	1,2,3,4,5
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>pustulatus</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>biophilica</i>	4,5
Uncommon	Formicinae	<i>Formica</i>	<i>creightoni</i>	3
Common	Formicinae	<i>Formica</i>	<i>difficilis</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>dolosa</i>	1,2,3,4,5
Rare	Formicinae	<i>Formica</i>	<i>ferocula</i>	1
Uncommon	Formicinae	<i>Formica</i>	<i>fossiceps</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>gynocrates</i>	3
Uncommon	Formicinae	<i>Formica</i>	<i>hewitti</i>	3
Rare	Formicinae	<i>Formica</i>	<i>impexa</i>	1,2,3,4,5



Rare	Formicinae	<i>Formica</i>	<i>indianensis</i>	2
Common	Formicinae	<i>Formica</i>	<i>integra</i>	1,2,3,4
Uncommon	Formicinae	<i>Formica</i>	<i>knighti</i>	3,4,5
Common	Formicinae	<i>Formica</i>	<i>montana</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>nepticula</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>obscuriventris</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>pergandei</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Formica</i>	<i>postoculata</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>prociliata</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>querquetulana</i>	1,2,3,4,5
Common	Formicinae	<i>Formica</i>	<i>rubicunda</i>	1,2,3,4,5
Rare	Formicinae	<i>Formica</i>	<i>talbotae</i>	3
Uncommon	Formicinae	<i>Formica</i>	<i>vinculans</i>	1,2,3
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>hirticornis</i>	3
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>provancheri</i>	3,4,5
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3,4,5
Common	Formicinae	<i>Lasius</i>	<i>minutus</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Lasius</i>	<i>murphyi</i>	3,4,5
Rare	Formicinae	<i>Lasius</i>	<i>plumopilosus</i>	3
Rare	Formicinae	<i>Lasius</i>	<i>speculiventris</i>	1,2,3,4,5
Uncommon	Formicinae	<i>Lasius</i>	<i>subglaber</i>	1,2,3,4,5
Rare	Formicinae	<i>Monomorium</i>	<i>talbotae</i>	3
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>pinetorum</i>	1,2,3,4,5
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>spatulata</i>	1,2,3,4,5
Rare	Myrmicinae	<i>Myrmica</i>	<i>trullicornis</i>	1
Uncommon	Formicinae	<i>Polyergus</i>	<i>bicolor</i>	1,2,3
Uncommon	Formicinae	<i>Polyergus</i>	<i>montivagus</i>	1,2,3,4?,5?
Uncommon	Formicinae	<i>Polyergus</i>	<i>sanwaldi</i>	2,3,4,5
Uncommon	Proceratiinae	<i>Proceratium</i>	<i>croceum</i>	1,2,3
Common	Proceratiinae	<i>Proceratium</i>	<i>pergandei</i>	1,2,3,4,5
Common	Proceratiinae	<i>Proceratium</i>	<i>silaceum</i>	1,2,3,4,5
Common	Myrmicinae	<i>Solenopsis</i>	<i>texana</i>	1,2,3,4,5
Uncommon	Myrmicinae	<i>Stenamma</i>	<i>meridionale</i>	1,2
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>abdita</i>	1,2
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>clypeata</i>	1
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>dietrichi</i>	1
Rare	Myrmicinae	<i>Strumigenys</i>	<i>filitalpa</i>	2
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>laevinasis</i>	1



Common	Myrmicinae	<i>Strumigenys</i>	<i>ornata</i>	1,2,3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>pergandei</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>pulchella</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>reflexa</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>talpa</i>	1,2
Rare	Myrmicinae	<i>Temnothorax</i>	<i>pilagens</i>	3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>smithi</i>	1,2,3
Common	Myrmicinae	<i>Temnothorax</i>	<i>texanus</i>	1,2,3,4,5
Uncommon	Myrmicinae	<i>Tetramorium</i>	<i>atratum</i>	3,4,5



US Ants Ozarks

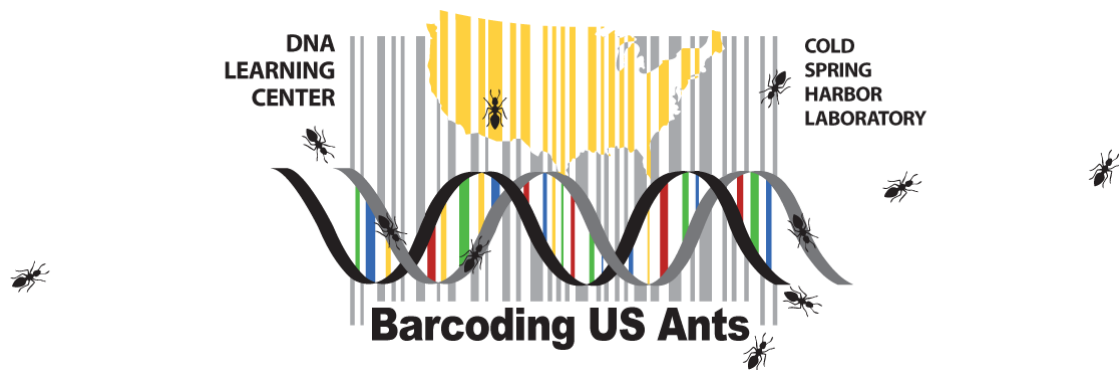
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	JBU Antversity	AR	Prairie Savanna, Forest
2	Lyon College Ant Enthusiasts	AR	Mountainous, River Valley
3	Lake of the Ozarks Master Naturalists	MO	Numerous State Parks
4	Lindenwood	MO	Near Missouri and Mississippi R

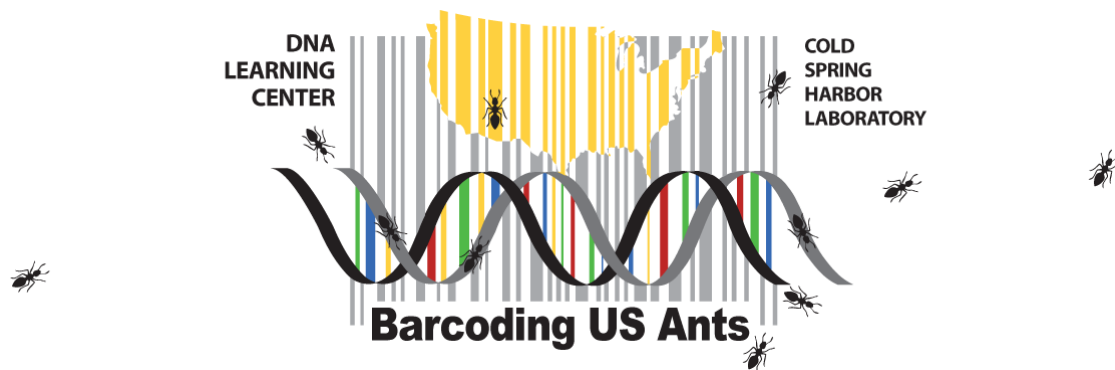
Target Species List

Below is a list of US ant species that missing barcodes in GenBank that occur within your region. We have assigned some of these species to your team (according to the numbers above) if it seems like that species occurs near your locale and you have a good chance of encountering it. Remember, you should set out to try and some of these, but some will be hard to find. You should try to find at least a few of the “Common” or “Uncommon” species, but plan very carefully for “Rare” species collection. Some of these species may only have ever been collected a handful of times or come from very specific locales. Do your research ahead of time to figure out which species you may want to go after and the best collecting methods to get them!

Rarity	Subfamily	Genus	Species	Team Assignment
Common	Formicinae	<i>Camponotus</i>	<i>caryae</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>decipiens</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>discolor</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>snellingi</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>subbarbatus</i>	1,2,3,4
Common	Formicinae	<i>Colobopsis</i>	<i>impressa</i>	1,2,3,4
Common	Formicinae	<i>Colobopsis</i>	<i>mississippiensis</i>	3,4
Uncommon	Formicinae	<i>Colobopsis</i>	<i>obliqua</i>	1,2,3,4
Common	Myrmicinae	<i>Crematogaster</i>	<i>missouriensis</i>	1,2,3,4
Common	Myrmicinae	<i>Crematogaster</i>	<i>pilosa</i>	1,2,3,4
Uncommon	Proceratiinae	<i>Discothyrea</i>	<i>testacea</i>	1,2
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>pustulatus</i>	1,2,3,4
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>bureni</i>	1,2,3,4
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>flavus</i>	1,2,3,4
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>smithi</i>	1,2,3,4
Common	Dolichoderinae	<i>Forelius</i>	<i>mccooki</i>	1,2,3,4
Uncommon	Formicinae	<i>Formica</i>	<i>archboldi</i>	1,2
Uncommon	Formicinae	<i>Formica</i>	<i>biophilica</i>	1,2,3,4



Common	Formicinae	<i>Formica</i>	<i>difficilis</i>	3,4
Common	Formicinae	<i>Formica</i>	<i>dolosa</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>hewitti</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>integra</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>montana</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>obscuriventris</i>	3,4
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>rubicunda</i>	1,2,3,4
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3,4
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3,4
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3,4
Uncommon	Dolichoderinae	<i>Liometopum</i>	<i>apiculatum</i>	1,2
Common	Myrmicinae	<i>Pheidole</i>	<i>crassicornis</i>	1,2
Common	Myrmicinae	<i>Pheidole</i>	<i>tetra</i>	1,2
Uncommon	Proceratiinae	<i>Proceratium</i>	<i>croceum</i>	1,2,3,4
Common	Proceratiinae	<i>Proceratium</i>	<i>pergandei</i>	1,2,3,4
Common	Proceratiinae	<i>Proceratium</i>	<i>silaceum</i>	1,2,3,4
Common	Myrmicinae	<i>Solenopsis</i>	<i>texana</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Stenamma</i>	<i>meridionale</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>abdita</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>angulata</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>clypeata</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>creightoni</i>	1,2
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>dietrichi</i>	1,2,3,4
Rare	Myrmicinae	<i>Strumigenys</i>	<i>filirrhina</i>	3,4
Rare	Myrmicinae	<i>Strumigenys</i>	<i>filitalpa</i>	1,2
Rare	Myrmicinae	<i>Strumigenys</i>	<i>metazytes</i>	1,2
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>missouriensis</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>ornata</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>pulchella</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>reflexa</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>rostrata</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>talpa</i>	1,2,3,4
Common	Myrmicinae	<i>Temnothorax</i>	<i>texanus</i>	1,2,3,4



Southern Piedmont and Appalachia

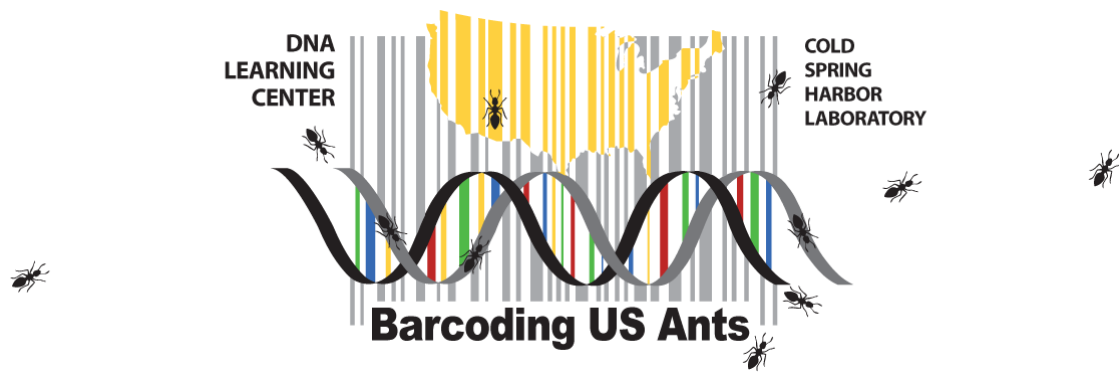
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	Walton High School	GA	Deciduous forest
2	Raiders	MD	Eleanor Roosevelt HS suburbs
3	Ant-cestry	NC	NC foothills, near grandfather Mt.
4	The Panhandlers	WV	Near Appalachians

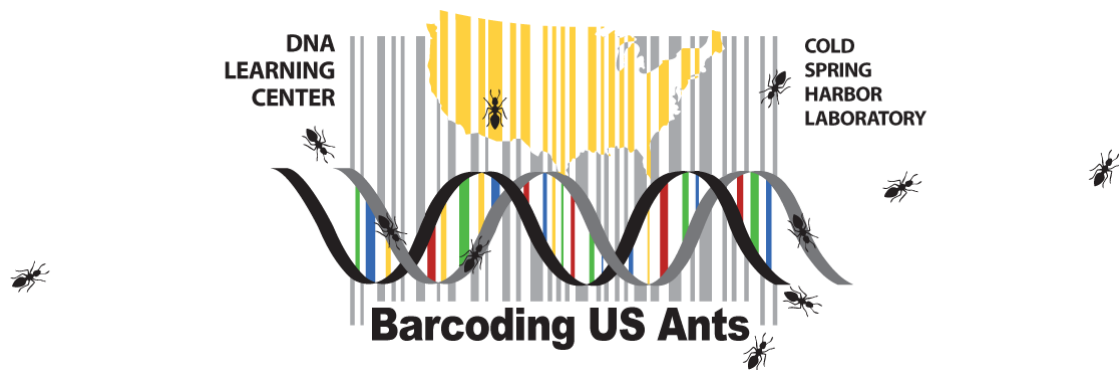
Target Species List

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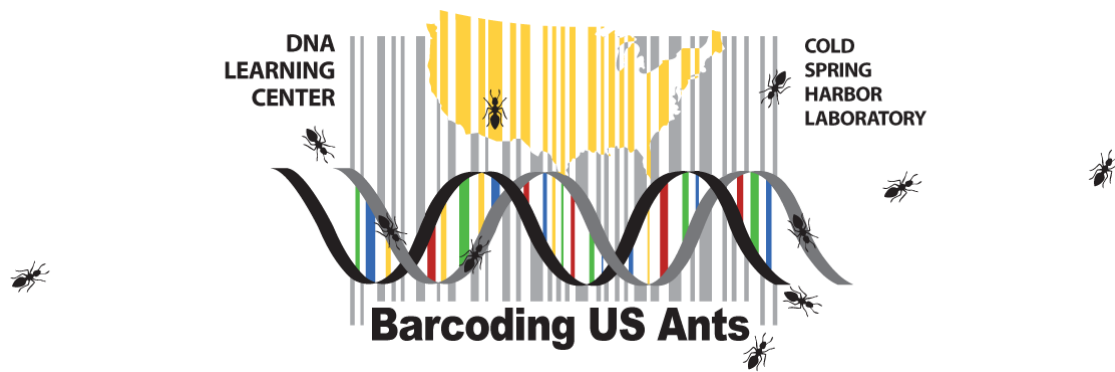
Rarity	Subfamily	Genus	Species	Team Assignment
Unknown	Formicinae	<i>Brachymyrmex</i>	<i>musculus</i>	1
Common	Formicinae	<i>Camponotus</i>	<i>caryae</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>decipiens</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>discolor</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>snellingi</i>	1,2,3,4
Common	Formicinae	<i>Camponotus</i>	<i>subbarbatus</i>	1,2,3,4
Common	Formicinae	<i>Colobopsis</i>	<i>impressa</i>	1,2,3,4
Common	Formicinae	<i>Colobopsis</i>	<i>mississippiensis</i>	1,2,3,4
Uncommon	Formicinae	<i>Colobopsis</i>	<i>obliqua</i>	1,2,3,4
Common	Myrmicinae	<i>Crematogaster</i>	<i>missouriensis</i>	1,2,3
Common	Myrmicinae	<i>Crematogaster</i>	<i>pilosa</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Crematogaster</i>	<i>pinicola</i>	1
Common	Myrmicinae	<i>Crematogaster</i>	<i>vermiculata</i>	1,2,3,4
Uncommon	Proceratiinae	<i>Discothyrea</i>	<i>testacea</i>	1,2,3,4
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>plagiatus</i>	1,2,3,4
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>bossutus</i>	1
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>bureni</i>	1,2,3,4
Uncommon	Dolichoderinae	<i>Dorymyrmex</i>	<i>flavopectus</i>	1,3



Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>flavus</i>	1,2,3,4
Rare	Dolichoderinae	<i>Dorymyrmex</i>	<i>reginicula</i>	1
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>smithi</i>	1,2,3,4
Common	Dolichoderinae	<i>Forelius</i>	<i>mccooki</i>	1,2,3
Uncommon	Formicinae	<i>Formica</i>	<i>archboldi</i>	1
Uncommon	Formicinae	<i>Formica</i>	<i>biophilica</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>difficilis</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>dolosa</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>integra</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>obscuriventris</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	1,2,3,4
Common	Formicinae	<i>Formica</i>	<i>pergandei</i>	2,3,4
Uncommon	Formicinae	<i>Formica</i>	<i>postoculata</i>	4
Common	Formicinae	<i>Formica</i>	<i>rubicunda</i>	1,2,3,4
Rare	Formicinae	<i>Formica</i>	<i>scitula</i>	1
Introduced	Ponerinae	<i>Hypoponera</i>	<i>ragusai</i>	2,4
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3,4
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3,4
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3,4
Uncommon	Formicinae	<i>Lasius</i>	<i>murphyi</i>	1,2,3
Rare	Formicinae	<i>Lasius</i>	<i>plumopilosus</i>	3
Rare	Formicinae	<i>Lasius</i>	<i>speculiventris</i>	3
Uncommon	Formicinae	<i>Lasius</i>	<i>subglaber</i>	4,5
Rare	Ponerinae	<i>Leptogenys</i>	<i>manni</i>	1
Uncommon	Myrmicinae	<i>Monomorium</i>	<i>trageri</i>	1,3
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>pinetorum</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>spatulata</i>	1,2,3,4
Uncommon	Dorylinae	<i>Neivamyrmex</i>	<i>carolinensis</i>	1,3
Rare	Formicinae	<i>Nylanderia</i>	<i>parasitica</i>	1
Common	Myrmicinae	<i>Pheidole</i>	<i>crassicornis</i>	1,3
Uncommon	Myrmicinae	<i>Pheidole</i>	<i>lamia</i>	1
Uncommon	Formicinae	<i>Polyergus</i>	<i>longicornis</i>	3
Uncommon	Formicinae	<i>Polyergus</i>	<i>ruber</i>	1,2,3,4
Uncommon	Proceratiinae	<i>Proceratium</i>	<i>crassicorne</i>	1,2,3,4
Rare	Proceratiinae	<i>Proceratium</i>	<i>creek</i>	1
Uncommon	Proceratiinae	<i>Proceratium</i>	<i>croceum</i>	1,2,3,4
Common	Proceratiinae	<i>Proceratium</i>	<i>pergandei</i>	1,2,3,4
Common	Proceratiinae	<i>Proceratium</i>	<i>silaceum</i>	1,2,3,4
Uncommon	Pseudomyrmecinae	<i>Pseudomyrmex</i>	<i>ejectus</i>	1,2,3
Common	Myrmicinae	<i>Solenopsis</i>	<i>abdita</i>	1
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>pergandei</i>	1,3



Common	Myrmicinae	<i>Solenopsis</i>	<i>picta</i>	1,3
Uncommon	Myrmicinae	<i>Solenopsis</i>	<i>tennesseensis</i>	1
Common	Myrmicinae	<i>Solenopsis</i>	<i>texana</i>	1,2,3,4
Unknown	Myrmicinae	<i>Solenopsis</i>	<i>tonsa</i>	1
Uncommon	Myrmicinae	<i>Stenamma</i>	<i>meridionale</i>	1,2,3,4
Rare	Amblyoponinae	<i>Stigmatomma</i>	<i>trigonignathum</i>	3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>abditata</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>angulata</i>	1,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>apalachicolensis</i>	1,3
Rare	Myrmicinae	<i>Strumigenys</i>	<i>archboldi</i>	1,3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>brevisetosa</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>bunki</i>	1
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>carolinensis</i>	1,3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>clypeata</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>creightoni</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>dietrichi</i>	1,2,3,4
Rare	Myrmicinae	<i>Strumigenys</i>	<i>filirrhina</i>	1,3
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>laevinasis</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>margaritae</i>	1,2,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>membranifera</i>	1,2,3,4
Rare	Myrmicinae	<i>Strumigenys</i>	<i>metazytes</i>	2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>missouriensis</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>ornata</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>pergandei</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>pulcehlla</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>reflexa</i>	1,2,3,4
Common	Myrmicinae	<i>Strumigenys</i>	<i>rostrata</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>silvestrii</i>	1,3
Common	Myrmicinae	<i>Strumigenys</i>	<i>talpa</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>wrayi</i>	1,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>bradleyi</i>	1,3
Uncommon	Myrmicinae	<i>Temnothorax</i>	<i>smithi</i>	1,3
Common	Myrmicinae	<i>Temnothorax</i>	<i>texanus</i>	1,2,3,4
Uncommon	Myrmicinae	<i>Tetramorium</i>	<i>atratum</i>	2,4



Northern Coastal Plain Region

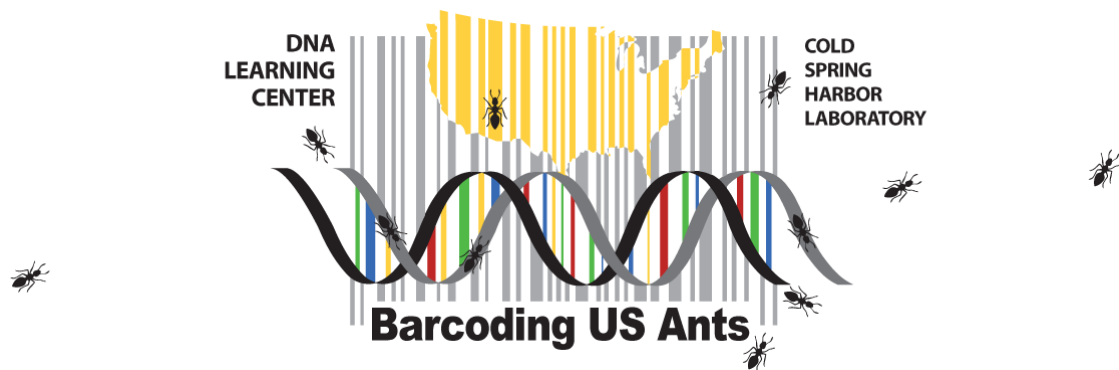
Last Updated: 07.14.2020

Teams			
Team No.	Team Name	State	Notes
1	Peddie School	NJ	Peddie School
2	The Jackson SD	NJ	Ocean County
3	Apple's Ant Crew	NY	Geneseo Arboretum
4	Queensborough Community College	NY	Near Connetquot St. Park
5	The MasconomANTS	MA	Boston to NH border
6	Mt. Hope ANTomologists	RI	Bristol and Warren, RI

Target Species List

Below is a list of US ant species that missing barcodes in GenBank that occur within your region. We have assigned some of these species to your team (according to the numbers above) if it seems like that species occurs near your locale and you have a good chance of encountering it. Remember, you should set out to try and some of these, but some will be hard to find. You should try to find at least a few of the "Common" or "Uncommon" species, but plan very carefully for "Rare" species collection. Some of these species may only have ever been collected a handful of times or come from very specific locales. Do your research ahead of time to figure out which species you may want to go after and the best collecting methods to get them!

Rarity	Subfamily	Genus	Species	Team Assignment
Common	Formicinae	<i>Camponotus</i>	<i>caryae</i>	1,2,3,4,5,6
Common	Formicinae	<i>Camponotus</i>	<i>subbarbatus</i>	1,2,3,4
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>plagiatus</i>	1,2,3,4,5,6
Common	Dolichoderinae	<i>Dolichoderus</i>	<i>pustulatus</i>	1,2,3,4,5,6
Common	Dolichoderinae	<i>Dorymyrmex</i>	<i>bureni</i>	1,2
Uncommon	Formicinae	<i>Formica</i>	<i>biophilica</i>	1,2,3,4,5,6
Uncommon	Formicinae	<i>Formica</i>	<i>creightoni</i>	3,4,5,6
Common	Formicinae	<i>Formica</i>	<i>difficilis</i>	1,2,3,4,5,6
Common	Formicinae	<i>Formica</i>	<i>dolosa</i>	1,2,3,4,5,6
Uncommon	Formicinae	<i>Formica</i>	<i>fossiceps</i>	3,4,5,6
Rare	Formicinae	<i>Formica</i>	<i>impexa</i>	3,4,5,6
Common	Formicinae	<i>Formica</i>	<i>integra</i>	1,2,3,4,5,6
Uncommon	Formicinae	<i>Formica</i>	<i>knighti</i>	3,4,5,6
Uncommon	Formicinae	<i>Formica</i>	<i>nepticula</i>	3,4,5,6
Common	Formicinae	<i>Formica</i>	<i>obscuriventris</i>	1,2,3,4,5,6
Common	Formicinae	<i>Formica</i>	<i>pallidefulva</i>	1,2,3,4,5,6



Common	Formicinae	<i>Formica</i>	<i>pergandei</i>	1,2,3,4,5,6
Uncommon	Formicinae	<i>Formica</i>	<i>querquetulana</i>	3,4,5,6
Common	Formicinae	<i>Formica</i>	<i>rubicunda</i>	1,2,3,4,5,6
Uncommon	Myrmicinae	<i>Formicoxenus</i>	<i>provancheri</i>	3,4,5,6
Common	Formicinae	<i>Lasius</i>	<i>americanus</i>	1,2,3,4,5,6
Common	Formicinae	<i>Lasius</i>	<i>aphidicola</i>	1,2,3,4,5,6
Common	Formicinae	<i>Lasius</i>	<i>brevicornis</i>	1,2,3,4,5,6
Common	Formicinae	<i>Lasius</i>	<i>minutus</i>	1,2,3,4,5,6
Uncommon	Formicinae	<i>Lasius</i>	<i>murphyi</i>	1,2,3,4,5,6
Rare	Formicinae	<i>Lasius</i>	<i>plumopilosus</i>	4
Rare	Formicinae	<i>Lasius</i>	<i>pubescens</i>	4
Rare	Formicinae	<i>Lasius</i>	<i>speculiventris</i>	1,2,3,4,5,6
Uncommon	Formicinae	<i>Lasius</i>	<i>subglaber</i>	1,2,3,4,5,6
Rare	Myrmicinae	<i>Leptothorax</i>	<i>wilsoni</i>	5
Common	Dolichoderinae	<i>Liometopum</i>	<i>apiculatum</i>	3
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>pinetorum</i>	1,2,3,4,5,6
Uncommon	Myrmicinae	<i>Myrmica</i>	<i>spatulata</i>	1,2,3,4,5,6
Rare	Formicinae	<i>Nylanderia</i>	<i>deceptrix</i>	5
Uncommon	Formicinae	<i>Polyergus</i>	<i>montivagus</i>	3?
Uncommon	Formicinae	<i>Polyergus</i>	<i>sanwaldi</i>	1,2,3,4,5,6
Uncommon	Proceratiinae	<i>Proceratium</i>	<i>crassicorne</i>	1,2,4,5,6
Common	Proceratiinae	<i>Proceratium</i>	<i>pergandei</i>	1,2,3,4,5,6
Common	Proceratiinae	<i>Proceratium</i>	<i>silaceum</i>	1,2,3,4,5,6
Common	Myrmicinae	<i>Solenopsis</i>	<i>texana</i>	4,5,6
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>clypeata</i>	1,2,4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>missouriensis</i>	4
Uncommon	Myrmicinae	<i>Strumigenys</i>	<i>pergandei</i>	1,2,3,4,5,6
Common	Myrmicinae	<i>Strumigenys</i>	<i>pulchella</i>	1,2,3,4,5,6
Common	Myrmicinae	<i>Strumigenys</i>	<i>rostrate</i>	1,2,4
Common	Myrmicinae	<i>Temnothorax</i>	<i>texanus</i>	1,2,3,4,5,6
Uncommon	Myrmicinae	<i>Tetramorium</i>	<i>atratum</i>	1,2,3,4,5,6