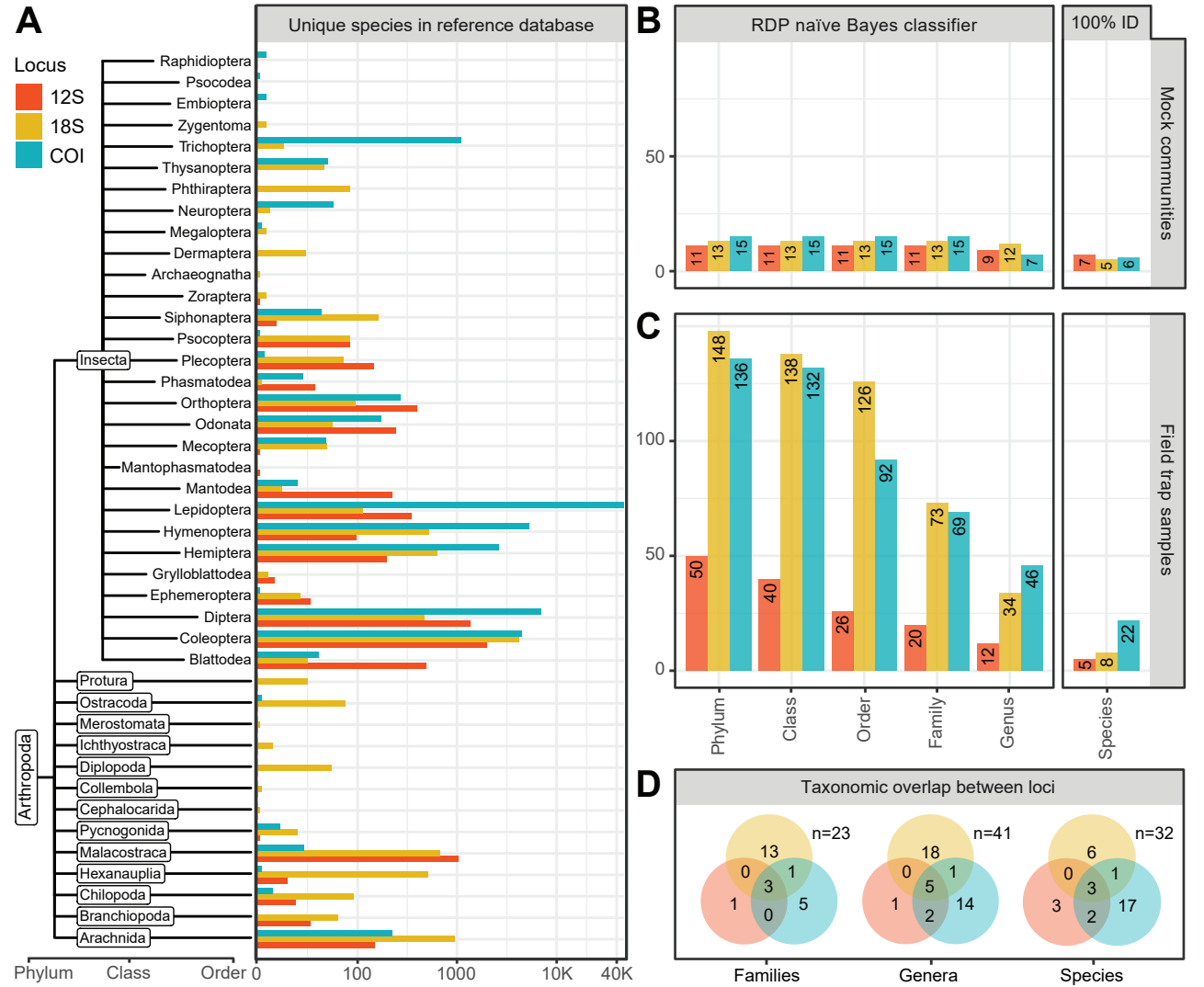
A
Locus
12S
18S
COI
Unique species in reference database
Raphidioptera
Psocodea
Embioptera
Zygentoma
Trichoptera
Thysanoptera
Phthiraptera
Neuroptera
Megaloptera
Dermaptera
Archaeognatha
Zoraptera
Siphonaptera
Psocoptera
Insecta
Plecoptera
Phasmatodea
Orthoptera
Odonata
Mecoptera
Mantophasmatodea
Mantodea
Lepidoptera
Hymenoptera
Hemiptera
Grylloblattodea
Ephemeroptera
Diptera
Coleoptera
Blattodea
Protura
Ostracoda
Merostomata
Ichthyostraca
Diplopoda
Collembola
Cephalocarida
Pycnogonida
Malacostraca
Hexanauplia
Chilopoda
Branchiopoda
Arachnida
Arthropoda
Phylum
Class
Order
0
100
1000
10K
40K
B
RDP naïve Bayes classifier
100% ID
Mock communities
50
0
11
13
15
11
13
15
11
13
15
11
13
15
9
12
7
7
5
6
C
Field trap samples
100
50
0
50
148
136
40
138
132
26
126
92
20
73
69
12
34
46
5
8
22
Phylum
Class
Order
Family
Genus
Species
D
Taxonomic overlap between loci
n=23
13
0
1
3
1
0
5
n=41
18
0
1
5
1
14
2
n=32
6
0
1
3
3
2
17
Families
Genera
Species