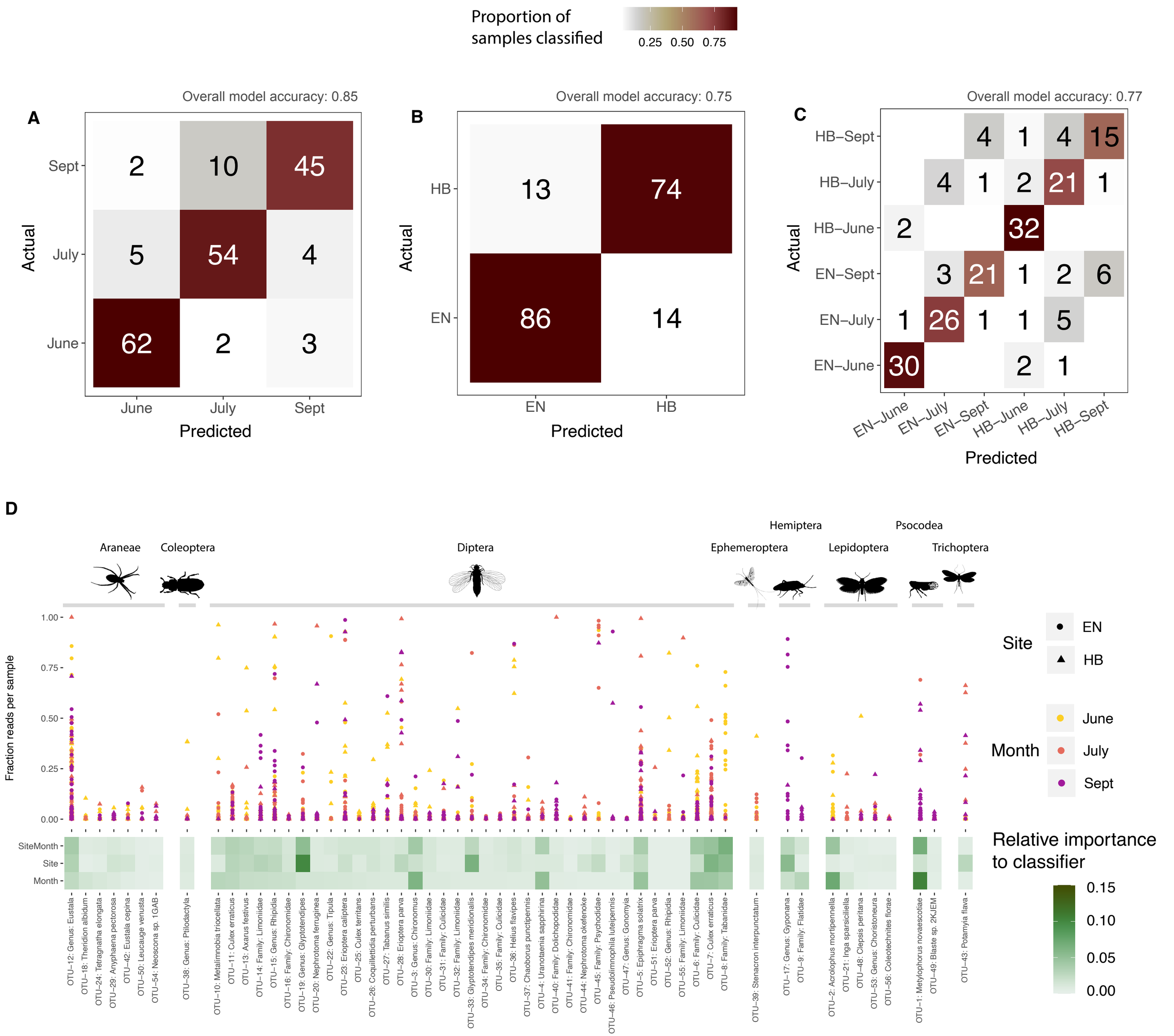
Proportion of samples classified
0.25 0.50 0.75
A
Overall model accuracy: 0.85
Actual
Sept
July
June
2 10 45
5 54 4
62 2 3
June July Sept
Predicted
B
Overall model accuracy: 0.75
Actual
HB
EN
13 74
86 14
EN HB
Predicted
C
Overall model accuracy: 0.77
Actual
HB–Sept
HB–July
HB–June
EN–Sept
EN–July
EN–June
4 1 4 15
4 1 2 21 1
2 32
3 21 1 2 6
1 26 1 1 5
30 2 1
EN–June EN–July EN–Sept HB–June HB–July HB–Sept
Predicted
D
Araneae
Coleoptera
Diptera
Hemiptera
Psocodea
Ephemeroptera
Lepidoptera
Trichoptera
Fraction reads per sample
1.00
0.75
0.50
0.25
0.00
SiteMonth
Site
Month
OTU–12: Genus: Eustala
OTU–18: Theridion albidum
OTU–24: Tetragnatha elongata
OTU–29: Anyphaena pectorosa
OTU–42: Eustala cepina
OTU–50: Leucauge venusta
OTU–54: Neoscona sp. 1GAB
OTU–38: Genus: Ptilodactyla
OTU–10: Metalimnobia triocellata
OTU–11: Culex erraticus
OTU–13: Axarus festivus
OTU–14: Family: Limoniidae
OTU–15: Genus: Rhipidia
OTU–16: Family: Chironomidae
OTU–19: Genus: Glyptotendipes
OTU–20: Nephrotoma ferruginea
OTU–22: Genus: Tipula
OTU–23: Erioptera caliptera
OTU–25: Culex territans
OTU–26: Coquillettidia perturbans
OTU–27: Tabanus similis
OTU–28: Erioptera parva
OTU–3: Genus: Chironomus
OTU–30: Family: Limoniidae
OTU–31: Family: Culicidae
OTU–32: Family: Limoniidae
OTU–33: Glyptotendipes meridionalis
OTU–34: Family: Chironomidae
OTU–35: Family: Culicidae
OTU–36: Helius flavipes
OTU–37: Chaoborus punctipennis
OTU–4: Uranotaenia sapphirina
OTU–40: Family: Dolichopodidae
OTU–41: Family: Chironomidae
OTU–44: Nephrotoma okefenoke
OTU–45: Family: Psychodidae
OTU–46: Pseudolimnophila luteipennis
OTU–47: Genus: Gonomyia
OTU–5: Epiphragma solatrix
OTU–51: Erioptera parva
OTU–52: Genus: Rhipidia
OTU–55: Family: Limoniidae
OTU–6: Family: Culicidae
OTU–7: Culex erraticus
OTU–8: Family: Tabanidae
OTU–39: Stenacron interpunctatum
OTU–17: Genus: Gyponana
OTU–9: Family: Flatidae
OTU–2: Acrolophus mortipennella
OTU–21: Inga sparsiciliella
OTU–48: Clepsis peritana
OTU–53: Genus: Choristoneura
OTU–56: Coleotechnites florae
OTU–1: Metylophorus novaescotiae
OTU–49: Blaste sp. 2KJEM
OTU–43: Potamyia flava
Site
EN
HB
Month
June
July
Sept
Relative importance to classifier
0.15
0.10
0.05
0.00