

Supplementary File

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76.**

Note: the content of supplementary files is not subject to proof editing by the journal staff. Thus, the responsibility for the accuracy of all information and correctness of its presentation in this file lies solely with the author(s).

Supplemental File 2. Species list by USGS 8-digit hydrologic unit code (HUC8) in Mississippi. A “?” indicates uncertainty about identification indicated by either the person who identified the specimens or by the authors. Those HUCs having < 100 ha in the state were excluded.

03160101 Upper Tombigbee

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius mississippiensis
Faxonius p. palmeri?
Faxonius perfectus
Faxonius validus
Hobbseus petilus
Hobbseus prominens
Lacunicambarus erythrodactylus
Lacunicambarus dalyae
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus hagenianus hagenianus
Procambarus hagenianus vesticeps
Procambarus hayi
Procambarus hybus
Procambarus viaeviridis
Procambarus vioscai

03160102 Town

Cambarus striatus
Creaserinus fodiens
Faxonius compressus
Faxonius etnieri spp. complex
Hobbseus petilus
Hobbseus prominens
Lacunicambarus erythrodactylus?
Lacunicambarus ludovicianus?
Procambarus acutissimus
Procambarus acutus
Procambarus hayi
Procambarus hybus

03160103 Buttahatchee

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Lacunicambarus ludovicianus

Procambarus acutus

Procambarus hybus

03160104 Tibbee

Cambarellus shufeldtii

Cambarus striatus

Creaserinus fodiens

Faxonius etnieri spp. complex

Faxonius mississippiensis

Faxonius perfectus

Hobbseus orconectoides

Hobbseus petilus

Hobbseus prominens

Hobbseus yalobushensis?

Lacunicambarus ludovicianus

Procambarus acutissimus

Procambarus acutus

Procambarus clarkii

Procambarus hagenianus hagenianus

Procambarus hagenianus vesticeps

Procambarus hayi

Procambarus hybus

Procambarus zonangulus

03160105 Luxapallila

Cambarus striatus

Creaserinus fodiens

Faxonius etnieri spp. complex

Hobbseus prominens?

Lacunicambarus ludovicianus

Procambarus acutus

Procambarus hybus

03160106 Middle Tombigbee-Lubbub

Cambarellus shufeldtii

Cambarus striatus

Creaserinus fodiens

Faxonius etnieri spp. complex

Faxonius lancifer

Faxonius mississippiensis

Faxonius perfectus

Hobbseus cristatus

Hobbseus petilus

Hobbseus prominens

Procambarus acutissimus
Procambarus acutus
Procambarus clarkii
Procambarus hayi
Procambarus hybus
Procambarus sp. cf. viaeviridis

03160108 Noxubee

Cambarellus shufeldtii
Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius mississippiensis
Faxonius perfectus
Hobbseus attenuatus
Hobbseus cristatus
Hobbseus orconectoides
Hobbseus prominens
Hobbseus valleculus
Lacunicambarus ludovicianus
Procambarus acutissimus
Procambarus acutus
Procambarus clarkii
Procambarus hagenianus
Procambarus hagenianus hagenianus
Procambarus hagenianus vesticeps
Procambarus hayi
Procambarus hybus
Procambarus lagniappe
Procambarus mancus
Procambarus vioscai
Procambarus vioscai paynei

03160201 Middle Tombigbee-Chickasaw

Cambarus striatus

03160202 Sucarnoochee

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius jonesi
Faxonius mississippiensis?
Faxonius perfectus
Hobbseus attenuatus

Hobbseus cristatus
Hobbseus prominens
Lacunicambarus dalyae
Lacunicambarus ludovicianus
Procambarus acutissimus
Procambarus acutus
Procambarus hayi
Procambarus hybus
Procambarus lagniappe
Procambarus mancus
Procambarus zonangulus

03170001 Chunky-Okatibbee

Cambarus striatus
Creaserinus fodiens
Faxonius jonesi?
Faxonius palmeri
Hobbseus attenuatus
Hobbseus cristatus
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutissimus
Procambarus acutus
Procambarus clarkii
Procambarus clemmeri
Procambarus hybus
Procambarus mancus
Procambarus penni?
Procambarus planirostris
Procambarus vioscai
Procambarus zonangulus?

03170002 Upper Chickasawhay

Cambarus striatus
Creaserinus fodiens
Faxonius hobbsi?
Faxonius jonesi?
Faxonius palmeri
Hobbseus cristatus
Lacunicambarus erythrodactylus
Procambarus acutissimus
Procambarus acutus
Procambarus barbiger

Procambarus clarkii
Procambarus clemmeri
Procambarus hybus
Procambarus mancus
Procambarus penni?
Procambarus vioscai
Procambarus zonangulus

03170003 Lower Chickasawhay

Cambarus striatus
Creaserinus burrisi
Faxonius sp.
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clemmeri
Procambarus penni?

03170004 Upper Leaf

Cambarus striatus
Creaserinus danielae
Creaserinus fodiens
Faxonella clypeata
Faxonius palmeri
Faxonius palmeri creolanus?
Faxonius palmeri palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus barbiger
Procambarus clarkii
Procambarus jaculus
Procambarus mancus
Procambarus penni?
Procambarus planirostris
Procambarus viaeviridis?
Procambarus vioscai paynei

03170005 Lower Leaf

Cambarellus lesliei
Cambarus striatus
Creaserinus danielae
Creaserinus fodiens
Creaserinus gordonii
Faxonella clypeata

Faxonius palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus clemmeri
Procambarus mancus?
Procambarus penni?
Procambarus planirostris
Procambarus vioscai paynei
Procambarus zonangulus

03170006 Pascagoula

Cambarellus diminutus
Cambarellus lesliei
Cambarellus shufeldtii
Cambarus striatus
Creaserinus burrisi
Creaserinus byersi?
Creaserinus danielae
Creaserinus oryktes
Faxonella clypeata
Faxonius lancifer
Lacunicambarus erythrodactylus
Lacunicambarus freudensteini
Lacunicambarus ludovicianus
Lacunicambarus mobilensis
Procambarus acutissimus?
Procambarus acutus
Procambarus bivittatus
Procambarus clarkii
Procambarus clemmeri
Procambarus evermanni
Procambarus fitzpatricki
Procambarus lecontei
Procambarus mancus?
Procambarus penni?
Procambarus planirostris
Procambarus shermani
Procambarus vioscai paynei
Procambarus zonangulus

03170007 Black

Cambarellus lesliei

Cambarellus shufeldtii
Cambarus striatus
Creaserinus danielae
Creaserinus fodiens
Creaserinus gordonii
Creaserinus oryctes
Faxonella clypeata
Faxonius hobbsi?
Lacunicambarus erythrodactylus
Procambarus acutus
Procambarus barbiger
Procambarus clemmeri
Procambarus fitzpatricki
Procambarus lecontei
Procambarus mancus
Procambarus penni?
Procambarus planirostris
Procambarus shermani
Procambarus vioscai
Procambarus zonangulus

03170008 Escatawpa

Cambarellus diminutus
Cambarellus shufeldtii
Creaserinus burrisi
Creaserinus byersi?
Creaserinus danielae
Creaserinus oryctes
Faxonella clypeata
Lacunicambarus freudensteini
Lacunicambarus mobilensis
Procambarus acutissimus
Procambarus acutus
Procambarus clarkii
Procambarus clemmeri
Procambarus evermanni
Procambarus lecontei
Procambarus mancus
Procambarus planirostris
Procambarus shermani

03170009 Mississippi Coastal

Cambarellus diminutus

Cambarellus shufeldtii
Cambarus striatus
Creaserinus byersi?
Creaserinus danielae
Creaserinus oryktes
Faxonella clypeata
Faxonius hobbsi?
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus clemmeri
Procambarus evermanni
Procambarus fitzpatricki
Procambarus penni?
Procambarus planirostris
Procambarus shermani
Procambarus vioscai paynei
Procambarus zonangulus

03180001 Upper Pearl

Cambarellus shufeldtii
Cambarus striatus
Creaserinus fodiens
Faxonius hobbsi?
Faxonius mississippiensis?
Faxonius p. palmeri
Hobbseus attenuatus
Hobbseus valleculus
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutissimus
Procambarus acutus
Procambarus barbiger
Procambarus hybus
Procambarus jaculus
Procambarus viaeviridis
Procambarus vioscai paynei
Procambarus zonangulus

03180002 Middle Pearl-Strong

Cambarus striatus
Creaserinus fodiens

Faxonius hobbsi?
Faxonius p. palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus barbiger
Procambarus clarkii
Procambarus clemmeri
Procambarus hagenianus
Procambarus hybus
Procambarus jaculus
Procambarus mancus?
Procambarus penni
Procambarus sp. cf. viaeviridis
Procambarus viaeviridis
Procambarus vioscai
Procambarus zonangulus

03180003 Middle Pearl-Silver

Creaserinus fodiens
Faxonius hobbsi?
Faxonius lancifer
Faxonius palmeri
Faxonius palmeri creolanus?
Procambarus acutus
Procambarus clemmeri
Procambarus penni
Procambarus vioscai paynei
Procambarus zonangulus

03180004 Lower Pearl. Mississippi

Cambarellus shufeldtii
Creaserinus fodiens
Creaserinus oryktes
Faxonella clypeata
Faxonius hobbsi?
Faxonius lancifer
Faxonius palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus bivittatus
Procambarus clarkii
Procambarus clemmeri
Procambarus penni

Procambarus planirostris

Procambarus shermani

Procambarus vioscai

03180005 Bogue Chitto

Creaserinus fodiens

Faxonius hobbsi?

Faxonius p. palmeri

Lacunicambarus ludovicianus

Procambarus acutus

Procambarus clemmeri

Procambarus penni

Procambarus viaeviridis

Procambarus vioscai paynei

06030005 Pickwick Lake

Cambarus striatus

Faxonius compressus

Faxonius etnieri spp. complex

Faxonius placidus

Faxonius validus

Faxonius yanahlindus

Procambarus ablusus

Procambarus acutus

Procambarus viaeviridis

06030006 Bear

Cambarus girardianus

Cambarus rusticiformis

Cambarus striatus

Faxonius compressus

Faxonius erichsonianus

Faxonius etnieri spp. complex

Faxonius validus

Lacunicambarus erythrodactylus

Lacunicambarus dalyae

Procambarus acutus

06040001 Lower Tennessee-Beech

Cambarus striatus

Faxonius etnieri spp. complex

Faxonius validus

Faxonius wrighti

Lacunicambarus erythrodactylus

Procambarus ablusus

Procambarus acutus
Procambarus viaeviridis

08010207 Upper Hatchie

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius palmeri
Lacunicambarus erythrodactylus
Lacunicambarus dalyae
Lacunicambarus ludovicianus
Procambarus ablusus
Procambarus acutus
Procambarus hayi
Procambarus viaeviridis

08010208 Lower Hatchie

Cambarus striatus
Faxonius etnieri spp. complex
Procambarus ablusus
Procambarus hayi

08010210 Wolf

Cambarus striatus
Faxonius etnieri spp. complex
Faxonius palmeri
Procambarus acutus
Procambarus clarkii
Procambarus hayi
Procambarus ouachitae
Procambarus vioscai paynei

08010211 Horn Lake-Nonconah

Faxonius p. palmeri
Lacunicambarus erythrodactylus
Procambarus acutus

08020100 Lower Mississippi-Helena

Lacunicambarus ludovicianus

08030100 Lower Mississippi-Greenville

Faxonius lancifer
Faxonius palmeri
Procambarus clarkii

08030201 Little Tallahatchie

Cambarus striatus
Creaserinus fodiens

Faxonius etnieri spp. complex
Faxonius hartfieldi
Faxonius palmeri
Lacunicambarus erythrodactylus
Lacunicambarus dalyae
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus hagenianus vesticeps
Procambarus hayi
Procambarus hybus
Procambarus ouachitae
Procambarus viaeviridis
Procambarus vioscai paynei

08030202 Tallahatchie

Cambarellus shufeldtii
Faxonius etnieri spp. complex
Faxonius lancifer
Faxonius p. palmeri
Lacunicambarus erythrodactylus
Procambarus acutus
Procambarus clarkii
Procambarus cuevachicae
Procambarus hayi
Procambarus hybus
Procambarus ouachitae
Procambarus vioscai

08030203 Yocona

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius p. palmeri
Faxonius validus
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutissimus?
Procambarus acutus
Procambarus clarkii
Procambarus hagenianus vesticeps
Procambarus hayi
Procambarus hybus

Procambarus ouachitae
Procambarus viaeviridis
Procambarus vioscai paynei

08030204 Coldwater

Cambarellus puer
Cambarellus shufeldtii
Faxonius etnieri spp. complex
Faxonius lancifer
Faxonius p. palmeri
Lacunicambarus erythrodactylus
Procambarus acutus
Procambarus clarkii
Procambarus ouachitae
Procambarus vioscai paynei

08030205 Yalobusha

Cambarellus puer
Cambarellus shufeldtii
Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius hartfieldi
Faxonius lancifer
Faxonius palmeri
Faxonius sp. cf. *hartfieldi*?
Faxonius sp. cf. *perfectus*?
Hobbseus yalobushensis
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutissimus
Procambarus acutus
Procambarus clarkii
Procambarus hagenianus vesticeps
Procambarus hayi
Procambarus hybus
Procambarus jaculus
Procambarus lylei
Procambarus ouachitae
Procambarus viaeviridis
Procambarus vioscai paynei

08030206 Upper Yazoo

Cambarellus puer

Cambarellus shufeldtii
Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius hartfieldi
Faxonius hobbsi?
Faxonius lancifer
Faxonius p. palmeri
Faxonius sp. cf. *hartfieldi?*
Lacunicambarus erythrodactylus?
Procambarus acutus
Procambarus clarkii
Procambarus jaculus?
Procambarus ouachitae
Procambarus viaeviridis
Procambarus aff. *viaeviridis* sp. A
Procambarus vioscai

08030207 Big Sunflower

Cambarellus puer
Cambarellus shufeldtii
Creaserinus fodiens
Faxonius hobbsi?
Faxonius lancifer
Faxonius palmeri
Faxonius palmeri palmeri
Lacunicambarus dalyae
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus ouachitae
Procambarus viaeviridis?
Procambarus aff. *viaeviridis* sp. A
Procambarus vioscai

08030208 Lower Yazoo

Faxonius hobbsi?
Faxonius p. palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus vioscai paynei

08030209 Deer-Steele

Cambarellus shufeldtii
Faxonius lancifer
Faxonius palmeri
Procambarus acutus
Procambarus clarkii

08060100 Lower Mississippi-Natchez

Faxonius hobbsi?
Faxonius lancifer
Faxonius palmeri
Procambarus acutus
Procambarus clarkii
Procambarus clemmeri?
Procambarus vioscai
Procambarus zonangulus

08060201 Upper Big Black

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius mississippiensis?
Faxonius p. palmeri
Hobbseus sp.
Hobbseus yalobushensis?
Lacunicambarus erythrodactylus
Lacunicambarus ludovicianus
Procambarus acutissimus?
Procambarus acutus
Procambarus clarkii
Procambarus hayi?
Procambarus hybus
Procambarus jaculus
Procambarus ouachitae
Procambarus viaeviridis
Procambarus vioscai paynei

08060202 Lower Big Black

Cambarellus shufeldtii
Cambarus striatus
Creaserinus fodiens
Faxonius hartfieldi
Faxonius hobbsi?
Faxonius lancifer
Faxonius palmeri creolanus?

Faxonius p. palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus jaculus
Procambarus viaeviridis
Procambarus vioscai paynei

08060203 Bayou Pierre

Cambarus striatus
Creaserinus fodiens
Faxonella clypeata
Faxonius hobbsi?
Faxonius p. palmeri
Lacunicambarus erythrodactylus?
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus jaculus
Procambarus penni?
Procambarus vioscai paynei

08060204 Coles Creek

Cambarellus puer
Cambarellus shufeldtii
Faxonius p. palmeri
Procambarus clarkii
Procambarus vioscai

08060205 Homochitto

Cambarus striatus
Creaserinus fodiens
Faxonius etnieri spp. complex
Faxonius hobbsi?
Faxonius lancifer
Faxonius p. palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus clarkii
Procambarus jaculus
Procambarus penni?
Procambarus viaeviridis
Procambarus vioscai paynei

08060206 Buffalo

Cambarus striatus
Faxonius hobbsi?
Faxonius lancifer
Faxonius palmeri
Procambarus acutus
Procambarus vioscai

08070201 Bayou Sara-Thompson

Faxonius hobbsi
Faxonius palmeri
Procambarus acutus
Procambarus vioscai

08070202 Amite

Creaserinus fodiens
Faxonius hobbsi
Faxonius p. palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus penni?
Procambarus planirostris
Procambarus vioscai

08070205 Tangipahoa

Creaserinus fodiens
Faxonius hobbsi
Faxonius palmeri
Lacunicambarus ludovicianus
Procambarus acutus
Procambarus penni?
Procambarus planirostris
Procambarus vioscai