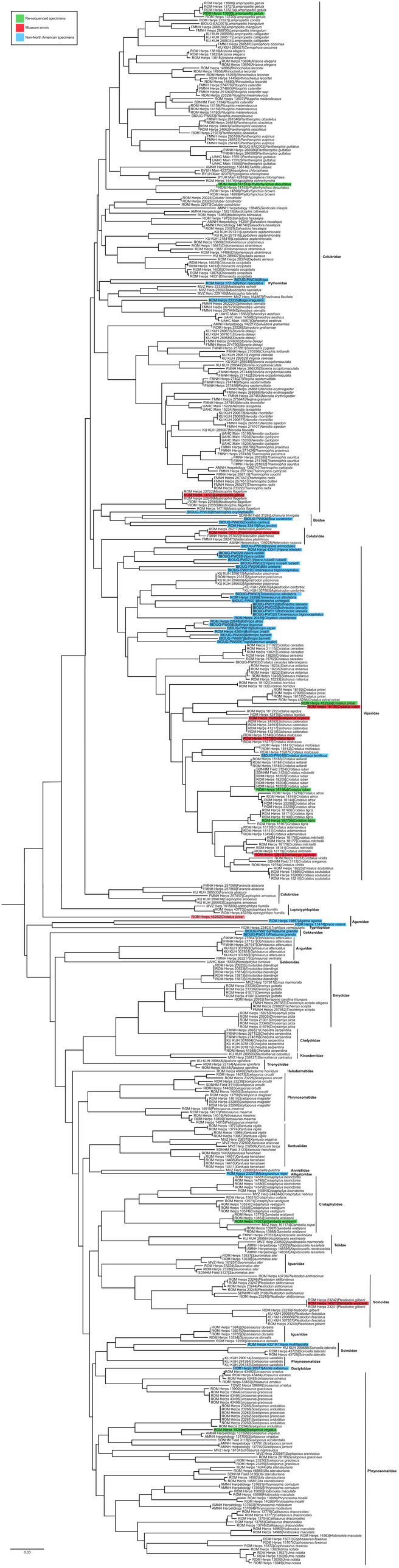

Re-sequenced specimens
Museum errors
Non-North American specimens
ROM Herps 13688|Lampropeltis getula
ROM Herps 13727|Lampropeltis getula
ROM Herps 13721|Lampropeltis getula
ROM Herps 13720|Lampropeltis getula
ROM Herps 13722|Lampropeltis getula
ROM Herps 23027|Lampropeltis zonata
BIOUG-EAC001|Lampropeltis triangulum
FMNH Herps 266870|Lampropeltis triangulum
FMNH Herps 266871|Lampropeltis triangulum
KU KUH 266569|Lampropeltis calligaster
KU KUH 289517|Lampropeltis calligaster
KU KUH 289534|Lampropeltis calligaster
FMNH Herps 266587|Cemophora coccinea
AMNH Herpetology 145021|Cemophora coccinea
ROM Herps 13619|4-toes allotype|Arizona elegans
ROM Herps 13826|Arizona elegans
ROM Herps 13818|Arizona elegans
ROM Herps 13694|Arizona elegans
ROM Herps 13695|Arizona elegans
ROM Herps 14696|Rhinocheilus lecontei
ROM Herps 14696|Rhinocheilus lecontei
ROM Herps 15265|Rhinocheilus lecontei
ROM Herps 14458|Rhinocheilus lecontei
FMNH Herps 266569|Pituophis catenifer
FMNH Herps 274670|Pituophis catenifer
FMNH Herps 274803|Pituophis catenifer
FMNH Herps 251260|Pituophis catenifer sayi
ROM Herps 23329|Pituophis melanoleucus
ROM Herps 13619|Pituophis melanoleucus
SDNHM Field 31546|Pituophis
ROM Herps 14156|Pituophis melanoleucus
ROM Herps 14159|Pituophis melanoleucus
ROM Herps 14160|Pituophis melanoleucus
BIOUG-PW001|Pituophis melanoleucus
AMNH Herpetology 181460|Senticolis obsoletus
ROM Herps 24861|Pantherophis obsoletus
ROM Herps 29663|Pantherophis obsoletus
ROM Herps 24662|Pantherophis obsoletus
FMNH Herps 266558|Pantherophis vulpinus
FMNH Herps 266559|Pantherophis vulpinus
FMNH Herps 266522|Pantherophis vulpinus
FMNH Herps 251481|Pantherophis vulpinus
BIOUG-EAC002|Pantherophis guttatus
FMNH Herps 266560|Pantherophis guttatus
FMNH Herps 266555|Pantherophis guttatus
UAHC Main 15557|Pantherophis guttatus
UAHC Main 15552|Pantherophis guttatus
UAHC Main 15588|Pantherophis guttatus
AMNH Herpetology 136147|Senticolis triaspis
BYUH Main 42370|Hypsiglena chlorophaea
BYUH Main 42372|Hypsiglena chlorophaea
BYUH Main 42832|Hypsiglena chlorophaea
ROM Herps 14478|Hypsiglena ochrorhyncha
ROM Herps 14479|Hypsiglena ochrorhyncha
ROM Herps 14132|Pituophis deppei deppei
ROM Herps 14159|Pituophis melanoleucus
ROM Herps 14998|Pituophis melanoleucus
ROM Herps 23024|Coluber constrictor
ROM Herps 23025|Coluber constrictor
ROM Herps 22673|Coluber constrictor
AMNH Herpetology 136485|Senticolis triaspis
AMNH Herpetology 136215|Masticophis bilineatus
ROM Herps 19065|Masticophis bilineatus
ROM Herps 19755|Salvadora hexalepis
AMNH Herpetology 143041|Salvadora hexalepis
AMNH Herpetology 143042|Salvadora hexalepis
ROM Herps 23328|Salvadora hexalepis
KU KUH 291315|Lapbodeira septentrionalis
KU KUH 291316|Lapbodeira septentrionalis
KU KUH 219419|Lapbodeira septentrionalis
ROM Herps 13647|Ochoterenicus strariineus
ROM Herps 13647|Ochoterenicus strariineus
ROM Herps 13661|Ochoterenicus strariineus
ROM Herps 14466|Ochoterenicus strariineus
KU KUH 289907|Drymobius sereus
KU KUH 289908|Drymobius margaritiferus sereus
ROM Herps 14026|Chionactis occipitalis
ROM Herps 14032|Chionactis occipitalis
ROM Herps 14030|Chionactis occipitalis
ROM Herps 13815|Chionactis occipitalis
ROM Herps 14031|Chionactis occipitalis
BIOUG-PW003|Python
ROM Herps 17216|Python reticulatus
Pythonidae
MVZ Herp 233929|Masticophis schotti
MVZ Herp 230923|Masticophis taeniatus
MVZ Herp 229146|Masticophis lateralis
MVZ Herp 164367|Rhadinaea flavilata
ROM Herps 23330|Boiga irregularis
FMNH Herps 262210|Spheotyphlops vermalis
AMNH Herpetology 143276|Spheotyphlops vermalis
UAHC Main 15562|Scherotyphlops jamaicensis
UAHC Main 14596|Cylindrophis aestivus
UAHC Main 15557|Cylindrophis aestivus
AMNH Herpetology 142277|Salvadora grahamiae
ROM Herps 13642|Salvadora grahamiae
KU KUH 289633|Storeria dekayi
KU KUH 307901|Storeria dekayi
KU KUH 289588|Storeria dekayi
KU KUH 274807|Storeria dekayi
KU KUH 289527|Storeria dekayi
FMNH Herps 257961|Seminatrix pygaea
FMNH Herps 270556|Clonophis kirtlandii
KU KUH 289515|Virginia valeriae
KU KUH 289529|Virginia valeriae
KU KUH 289572|Storeria occipitomaculata
KU KUH 289547|Storeria occipitomaculata
FMNH Herps 266535|Storeria occipitomaculata
FMNH Herps 257446|Storeria occipitomaculata
FMNH Herps 271422|Storeria occipitomaculata
FMNH Herps 274744|Regina septemvittata
FMNH Herps 274746|Regina septemvittata
FMNH Herps 257456|Regina septemvittata
FMNH Herps 266687|Nerodia erythrogaster
FMNH Herps 266688|Nerodia erythrogaster
KU KUH 289571|Nerodia erythrogaster
FMNH Herps 270647|Regina grahamii
FMNH Herps 257403|Nerodia rhombifer
UAHC Main 15229|Nerodia taxispilota
UAHC Main 15234|Nerodia taxispilota
KU KUH 289657|Nerodia rhombifer
KU KUH 290695|Nerodia rhombifer
KU KUH 290677|Nerodia rhombifer
FMNH Herps 265167|Nerodia sipedon
FMNH Herps 274107|Nerodia sipedon
KU KUH 289567|Nerodia sipedon
UAHC Main 15198|Nerodia cyclopion
UAHC Main 15202|Nerodia cyclopion
UAHC Main 15203|Nerodia cyclopion
UAHC Main 15204|Nerodia cyclopion
FMNH Herps 266554|Thamnophis proximus
FMNH Herps 271424|Thamnophis proximus
FMNH Herps 257456|Thamnophis proximus
FMNH Herps 262283|Thamnophis sauritus
FMNH Herps 274798|Thamnophis sauritus
FMNH Herps 274799|Thamnophis sauritus
AMNH Herpetology 139214|Thamnophis cyrtopsis
FMNH Herps 257124|Thamnophis cyrtopsis
FMNH Herps 266719|Thamnophis couchii
FMNH Herps 257447|Thamnophis radix
FMNH Herps 257448|Thamnophis radix
FMNH Herps 262277|Thamnophis radix
FMNH Herps 233221|Thamnophis radix
ROM Herps 22722|Masticophis flagellum
ROM Herps 22723|Masticophis flagellum
ROM Herps 22649|Masticophis flagellum
ROM Herps 22648|Masticophis flagellum
ROM Herps 22650|Masticophis flagellum
ROM Herps 14716|Masticophis flagellum
BIOUG-PW002|Rhamnophis oxyrhyncha
SDNHM Field 31266|Lichanura trivirgata
BIOUG-PW004|Boa constrictor
BIOUG-PW006|Corallus caninus
ROM Herps 23415|Eryx jaculus
ROM Herps 26217|Heterodon platirhinos
BIOUG-PW005|Heterodon simus
FMNH Herps 251702|Heterodon platirhinos
FMNH Herps 282473|Heterodon platirhinos
AMNH Herpetology 139229|Heterodon nasicus
BIOUG-PW008|Vipera ammodytes
ROM Herps 14334|Vipera nikolskii
BIOUG-PW009|Vipera ursinii
BIOUG-PW028|Vipera raddei
BIOUG-PW021|Vipera russelii russelii
BIOUG-PW022|Vipera russelii russelii
BIOUG-PW023|Vipera russelii
BIOUG-PW018|Trimeresurus trigonocephalus
KU KUH 289610|Agkistrodon piscivorus
KU KUH 289611|Agkistrodon piscivorus
KU KUH 289609|Agkistrodon piscivorus
KU KUH 289608|Agkistrodon piscivorus
KU KUH 290570|Agkistrodon contortrix
KU KUH 307860|Agkistrodon contortrix
BIOUG-PW029|Trimeresurus albolabris
ROM Herps 35299|Trimeresurus albolabris
BIOUG-PW030|Trimeresurus gramineus
BIOUG-PW012|Bothrocheilus labialis
BIOUG-PW032|Bothrocheilus labialis
BIOUG-PW011|Bothrocheilus labialis
BIOUG-PW026|Trimeresurus trigonocephalus
BIOUG-PW027|Glyphotus cruciformis
ROM Herps 22044|Bothriopsis bilineata
BIOUG-PW040|Bothrops leucurus
BIOUG-PW016|Bothrops asper
ROM Herps 42804|Bothrops brazili
BIOUG-PW033|Bothrops pictus
BIOUG-PW007|Bothrops barnetti
BIOUG-PW005|Trimeresurus wiroti
ROM Herps 21102|Crotalus cerastes
ROM Herps 21115|Crotalus cerastes
ROM Herps 19529|Crotalus cerastes
ROM Herps 19520|Crotalus cerastes
ROM Herps 19752|Crotalus cerastes
BIOUG-PW002|Crotalus cerastes laterorepens
ROM Herps 18234|Sistrurus miliarius
ROM Herps 18235|Sistrurus miliarius
ROM Herps 18233|Sistrurus miliarius
ROM Herps 13469|Sistrurus miliarius
ROM Herps 18233|Sistrurus miliarius
ROM Herps 18132|Crotalus horridus
ROM Herps 18133|Crotalus horridus
ROM Herps 18159|Crotalus pricei
ROM Herps 47099|Crotalus pricei
ROM Herps 18157|Crotalus pricei
ROM Herps 45266|Crotalus pricei pricei
BIOUG-PW035|Crotalus pricei pricei
ROM Herps 18158|Crotalus ruber
ROM Herps 18127|Crotalus lepidus
ROM Herps 42419|Crotalus basiliscus
ROM Herps 23026|Sistrurus catenatus
ROM Herps 24593|Sistrurus catenatus
ROM Herps 24583|Sistrurus catenatus
ROM Herps 41218|Sistrurus catenatus
ROM Herps 18140|Crotalus molossus
ROM Herps 18131|Crotalus tigris
ROM Herps 18142|Crotalus molossus
ROM Herps 18141|Crotalus molossus
ROM Herps 15287|Crotalus molossus
BIOUG-PW013|Crotalus durissus terrificus
ROM Herps 18183|Crotalus willardi
ROM Herps 18184|Crotalus willardi
ROM Herps 18185|Crotalus willardi
SDNHM Field 31124|Crotalus ruber
SDNHM Field 31253|Crotalus mitchelli
ROM Herps 18207|Crotalus ruber
ROM Herps 18208|Crotalus ruber
ROM Herps 18204|Crotalus ruber
ROM Herps 18203|Crotalus ruber
ROM Herps 18199|Crotalus ruber
ROM Herps 15278|Crotalus atrox
ROM Herps 18144|Crotalus atrox
ROM Herps 23298|Crotalus atrox
ROM Herps 23299|Crotalus atrox
ROM Herps 18169|Crotalus tigris
ROM Herps 18168|Crotalus tigris
ROM Herps 18166|Crotalus tigris
ROM Herps 18779|Crotalus tigris
ROM Herps 18167|Crotalus tigris
ROM Herps 18133|Crotalus adamanteus
ROM Herps 13494|Crotalus adamanteus
ROM Herps 18176|Crotalus mitchelli
ROM Herps 18177|Crotalus mitchelli
ROM Herps 18178|Crotalus mitchelli
ROM Herps 18179|Crotalus mitchelli
ROM Herps 18180|Crotalus mitchelli
ROM Herps 18181|Crotalus mitchelli
ROM Herps 18761|Crotalus viridis
SDNHM Field 31123|Crotalus oreganus
ROM Herps 18231|Crotalus viridis
ROM Herps 18230|Crotalus scutulatus
ROM Herps 13486|Crotalus scutulatus
ROM Herps 18206|Crotalus scutulatus
ROM Herps 18210|Crotalus scutulatus
FMNH Herps 257099|Farancia abacura
FMNH Herps 257860|Farancia abacura
KU KUH 289533|Farancia abacura
FMNH Herps 257457|Carphophis amoenus
KU KUH 289634|Carphophis amoenus
KU KUH 290683|Carphophis amoenus
MVZ Herp 161569|Leptotyphlops humilis
ROM Herps 43773|Leptotyphlops humilis
ROM Herps 45259|Leptotyphlops humilis
ROM Herps 45252|Thelotornis pricei
ROM Herps 13687|Agama agama
ROM Herps 17478|Naja volkensi
ROM Herps 23403|Typhlops vermicularis
BIOUG-PW010|Thelsuma grandis
BIOUG-PW013|Thelsuma grandis
FMNH Herps 275641|Ophisaurus attenuatus
FMNH Herps 257542|Ophisaurus attenuatus
FMNH Herps 257547|Ophisaurus attenuatus
KU KUH 307850|Ophisaurus attenuatus
KU KUH 307851|Ophisaurus attenuatus
KU KUH 307860|Ophisaurus attenuatus
FMNH Herps 257543|Ophisaurus attenuatus
UAHC Main 15554|Xembidotus luridus
ROM Herps 20922|Emydoidea blandingii
ROM Herps 20923|Emydoidea blandingii
ROM Herps 15874|Emydoidea blandingii
ROM Herps 15875|Emydoidea blandingii
ROM Herps 15872|Emydoidea blandingii
MVZ Herp 137911|Emys marmorata
ROM Herps 23338|Clemmys guttata
ROM Herps 23339|Clemmys guttata
ROM Herps 41817|Clemmys guttata
ROM Herps 41881|Clemmys guttata
ROM Herps 20933|Terrapene carolina triunguis
FMNH Herps 257527|Trachemys scripta
ROM Herps 23982|Trachemys scripta
ROM Herps 15876|Chrysemys picta
ROM Herps 20935|Chrysemys picta
ROM Herps 20936|Chrysemys picta
ROM Herps 21001|Chrysemys picta
ROM Herps 21340|Chrysemys picta
ROM Herps 21341|Chrysemys picta
FMNH Herps 266521|Chelydra serpentina
FMNH Herps 267152|Chelydra serpentina
FMNH Herps 274819|Chelydra serpentina
KU KUH 307840|Chelydra serpentina
KU KUH 307841|Chelydra serpentina
KU KUH 307851|Chelydra serpentina
ROM Herps 41588|Chelydra serpentina
KU KUH 289555|Sternotherus odoratus
MVZ Herp 238127|Sternotherus carinatus
ROM Herps 21154|Apalone spinifera
ROM Herps 46449|Apalone spinifera
ROM Herps 46450|Heloderma horridum
ROM Herps 14673|Sceloporus occidu
ROM Herps 14674|Sceloporus occidu
ROM Herps 25238|Sceloporus occidu
SDNHM Field 31140|Sceloporus occidu
ROM Herps 14452|Sceloporus occidu
ROM Herps 14453|Sceloporus occidu
ROM Herps 14454|Sceloporus occidu
ROM Herps 14610|Sceloporus magister
ROM Herps 23289|Sceloporus magister
ROM Herps 23290|Sceloporus magister
ROM Herps 14019|Petrosaurus mearnsi
ROM Herps 14018|Petrosaurus mearnsi
ROM Herps 14016|Petrosaurus mearnsi
ROM Herps 13658|Petrosaurus mearnsi
ROM Herps 14015|Petrosaurus mearnsi
ROM Herps 13773|Xantusia vigilis
ROM Herps 13774|Xantusia vigilis
ROM Herps 13964|Xantusia vigilis
ROM Herps 13963|Xantusia vigilis
MVZ Herp 236378|Xantusia wigginsi
MVZ Herp 232602|Xantusia arizonae
MVZ Herp 232603|Xantusia arizonae
SDNHM Field 31253|Xantusia henshawi
ROM Herps 144009|Xantusia henshawi
ROM Herps 14497|Xantusia henshawi
ROM Herps 14408|Xantusia henshawi
ROM Herps 14409|Xantusia henshawi
ROM Herps 14410|Xantusia henshawi
MVZ Herp 228860|Annielle pulchra
ROM Herps 23221|Abronicthus ingeri
ROM Herps 14581|Crotaphytus bicinctores
ROM Herps 14582|Crotaphytus bicinctores
ROM Herps 14269|Crotaphytus bicinctores
ROM Herps 14578|Crotaphytus bicinctores
ROM Herps 14584|Crotaphytus bicinctores
MVZ Herp 244244|Crotaphytus nebrius
ROM Herps 13057|Crotaphytus vestigium
ROM Herps 13979|Crotaphytus vestigium
ROM Herps 13557|Crotaphytus vestigium
ROM Herps 13558|Crotaphytus vestigium
ROM Herps 13574|Crotaphytus vestigium
ROM Herps 13552|Gambelia wislizenii
ROM Herps 13553|Gambelia wislizenii
ROM Herps 14007|Gambelia wislizenii
MVZ Herp 161173|Gambelia copei
ROM Herps 13987|Gambelia wislizenii
ROM Herps 13986|Gambelia wislizenii
FMNH Herps 270533|Sceloporus serpentinus
KU KUH 289564|Sceloporus serpentinus
MVZ Herp 230592|Sceloporus jarrovii marmoratus
AMNH Herpetology 123029|Sceloporus jarrovii
AMNH Herpetology 123030|Sceloporus merriamianus
AMNH Herpetology 145361|Sceloporus tristichus
ROM Herps 13637|Saurornalus ater
ROM Herps 13636|Saurornalus ater
MVZ Herp 161257|Saurornalus ater
ROM Herps 23392|Saurornalus ater
ROM Herps 23390|Saurornalus ater
SDNHM Field 31271|Saurornalus ater
ROM Herps 43736|Plestiodon anthracinus
ROM Herps 23248|Plestiodon skiltonianus
ROM Herps 23249|Plestiodon skiltonianus
ROM Herps 23246|Plestiodon skiltonianus
SDNHM Field 31098|Plestiodon skiltonianus
ROM Herps 23245|Plestiodon skiltonianus
ROM Herps 23242|Plestiodon gilberti
ROM Herps 23241|Plestiodon gilberti
ROM Herps 23243|Plestiodon gilberti
ROM Herps 23239|Plestiodon gilberti
KU KUH 290684|Plestiodon fasciatus
KU KUH 290685|Plestiodon fasciatus
KU KUH 307835|Plestiodon gilberti
ROM Herps 23240|Plestiodon gilberti
ROM Herps 13842|Dipsosaurus dorsalis
ROM Herps 13891|Dipsosaurus dorsalis
ROM Herps 13892|Dipsosaurus dorsalis
ROM Herps 13534|Dipsosaurus dorsalis
ROM Herps 13556|Dipsosaurus dorsalis
ROM Herps 43318|Tiliqua multifasciata
KU KUH 290688|Sonciella lateralis
ROM Herps 43727|Sonciella lateralis
ROM Herps 43728|Sonciella lateralis
KU KUH 290014|Sceloporus variabilis
KU KUH 291284|Sceloporus variabilis
KU KUH 291342|Sceloporus variabilis
ROM Herps 43482|Urosaurus ornatus
ROM Herps 43484|Urosaurus ornatus
ROM Herps 43485|Urosaurus ornatus
ROM Herps 43483|Urosaurus ornatus
ROM Herps 43481|Urosaurus ornatus
ROM Herps 19900|Urosaurus graciosus
ROM Herps 13844|Urosaurus graciosus
ROM Herps 43494|Urosaurus graciosus
ROM Herps 43495|Urosaurus graciosus
ROM Herps 23264|Sceloporus undulatus
ROM Herps 23265|Sceloporus undulatus
ROM Herps 23266|Sceloporus undulatus
ROM Herps 23263|Sceloporus graciosus
ROM Herps 23262|Sceloporus graciosus
ROM Herps 23261|Sceloporus undulatus
ROM Herps 23260|Sceloporus undulatus
ROM Herps 23259|Sceloporus undulatus
ROM Herps 15288|Sceloporus undulatus
AMNH Herpetology 137099|Sceloporus virgatus
AMNH Herpetology 137100|Sceloporus virgatus
SDNHM Field 31186|Sceloporus occidentalis
AMNH Herpetology 137701|Sceloporus jarrovii
AMNH Herpetology 137702|Sceloporus jarrovii
MVZ Herp 161543|Urosaurus nigricaudus
ROM Herps 26187|Sceloporus graciosus
ROM Herps 26186|Sceloporus graciosus
ROM Herps 23250|Sceloporus graciosus
ROM Herps 23256|Sceloporus graciosus
ROM Herps 14044|Uta stansburiana
ROM Herps 14045|Uta stansburiana
SDNHM Field 31180|Uta stansburiana
ROM Herps 14583|Uta stansburiana
ROM Herps 14587|Uta stansburiana
AMNH Herpetology 137691|Phrynosoma cornutum
AMNH Herpetology 137692|Phrynosoma cornutum
ROM Herps 13599|Holbrookia maculata
ROM Herps 15096|Holbrookia maculata
ROM Herps 13899|Phrynosoma mcalli
ROM Herps 14028|Phrynosoma mcalli
AMNH Herpetology 137694|Phrynosoma modestum
AMNH Herpetology 137695|Phrynosoma modestum
ROM Herps 13770|Callisaurus draconoides
ROM Herps 13777|Callisaurus draconoides
ROM Herps 13754|Callisaurus draconoides
ROM Herps 13755|Callisaurus draconoides
ROM Herps 11745|Callisaurus draconoides
ROM Herps 14960|Holbrookia maculata
ROM Herps 14968|Holbrookia maculata
ROM Herps 14963|Holbrookia maculata
ROM Herps 15071|Cophosaurus texanus
ROM Herps 15107|Cophosaurus texanus
ROM Herps 15372|Cophosaurus texanus
ROM Herps 13926|Uma notata
ROM Herps 13927|Uma notata
ROM Herps 13928|Uma notata
ROM Herps 13930|Uma notata
ROM Herps 13940|Uma notata
Colubridae
Boidae
Colubridae
Viperidae
Colubridae
Leptotyphlopidae
Agamidae
Typhlopidae
Gekkonidae
Angudae
Gekkonidae
Emydidae
Chelydridae
Kinosternidae
Helodermatidae
Phrynosomatidae
Xantusiidae
Anniellidae
Alligatoridae
Crotaphytidae
Teiidae
Iguanidae
Scincidae
Iguanidae
Scincidae
Phrynosomatidae
Phrynosomatidae
0.03