

256 Orthoptera of NC

Frequency of each species indicated for four regions: Mountains >= 4,000 feet (MH), Mountains < 4,000 feet (ML), Piedmont (P), and Coastal Plain (C).

Frequency Codes:

Regular [RE] -- almost always observed on given visit; >= 90% chance of observation

Frequent [FR] -- usually observed on a given visit; >= 50% < 90% chance of observation

Infrequent [IN] -- observed less than 50% of visits; >= 25% < 50% chance of observation

Occasional [OC] -- observed on only on a small minority of visits;

>= 10% < 25% chance of observation

Seldom [SE] -- not usually seen on visits; < 10% chance of observation

These terms refer to visits to appropriate habitats made at appropriate times of the year, making use of common sampling/observation methods.

Under those conditions, Frequency refers to the chance of observing at least one individual on a given visit made anywhere within a particular region, or over multiple visits to a single site.

MH ML P C

ACRIDIDAE: Short-horned Grasshoppers [93]

__ <i>Amblytropidia mysteca</i>	IN FR
Brown Winter Grasshopper	
__ <i>Arphia granulata</i>	IN
Southern Yellow-winged Locust	
__ <i>Arphia sulphurea</i>	FR
Spring Yellow-winged Locust	
__ <i>Arphia unidentified species</i>	
A Yellow-winged Locust	
__ <i>Arphia xanthoptera</i>	
Autumn Yellow-winged Locust	
__ <i>Booneacris variegata</i>	OC
Variegated Wingless Locust	
__ <i>Campylacantha olivacea</i>	SE
Fuzzy Olive-green Grasshopper	
__ <i>Chloealtis conspersa</i>	
Sprinkled Broad-Winged Grasshopper	
__ <i>Chortophaga australior</i>	
Southern Green-Striped Locust	
__ <i>Chortophaga unidentified species</i>	
A Green-Striped Locust	
__ <i>Chortophaga viridifasciata</i>	RE FR
Northern Green-striped Locust	

MH ML P C

ACRIDIDAE: Short-horned Grasshoppers [cont.]

__ <i>Dendrotettix australis</i>	
Southern Dendrotettix	
__ <i>Dendrotettix zimmermanni</i>	SE
Zimmermann's Dendrotettix	
__ <i>Dichromorpha elegans</i>	IN
Elegant Grasshopper	
__ <i>Dichromorpha viridis</i>	RE RE
Short-winged Green Grasshopper	
__ <i>Dissosteira carolina</i>	RE RE RE RE
Carolina Locust	
__ <i>Encoptolophus sordidus</i>	
Dusky Grasshopper	
__ <i>Eotettix pusillus</i>	OC
Little Eastern Grasshopper	
__ <i>Eritettix simplex</i>	
Velvet-striped Grasshopper	
__ <i>Hesperotettix viridis brevipennis</i>	OC
Short-winged Meadow Purple-striped Grasshopper	
__ <i>Hippiscus ocelote</i>	OC OC
Wrinkled Grasshopper	
__ <i>Leptysmia marginicollis</i>	RE RE
Cattail Toothpick Grasshopper	
__ <i>Melanoplus acrophilus</i>	OC OC
Peak-loving Green-legged Melanoplus	
__ <i>Melanoplus angustipennis</i>	OC
Narrow-winged Locust	
__ <i>Melanoplus attenuatus</i>	
Slender-bodied Melanoplus	
__ <i>Melanoplus bispinosus</i>	SE OC
Two-Spined Melanoplus	
__ <i>Melanoplus bivittatus</i>	FR
Two-striped Grasshopper	
__ <i>Melanoplus carnegiei</i>	OC
Carnegie's Melanoplus	
__ <i>Melanoplus celatus</i>	
Secretive Short-wing Grasshopper	
__ <i>Melanoplus cherokee</i>	
Cherokee Melanoplus	
__ <i>Melanoplus confusus</i>	
Pasture Grasshopper	
__ <i>Melanoplus coreyi</i>	
Corey's Short-winged Grasshopper	
__ <i>Melanoplus deceptus</i>	
Deceptive Melanoplus	

MH ML P C

ACRIDIDAE: Short-horned Grasshoppers [cont.]

__ <i>Melanoplus decoratus</i>	
Decorated Melanoplus	
__ <i>Melanoplus decorus</i>	FR
Decorated Spur-throat Grasshopper	
__ <i>Melanoplus devius</i>	
Devious Melanoplus	
__ <i>Melanoplus differentialis</i>	FR
Differential Locust	
__ <i>Melanoplus divergens</i>	
Divergent Melanoplus	
__ <i>Melanoplus eurycerus</i>	SE
A Green-legged Melanoplus	
__ <i>Melanoplus femurrubrum</i>	FR
Red-legged Grasshopper	
__ <i>Melanoplus hubbelli</i>	OC
Hubbell's Green-legged Melanoplus	
__ <i>Melanoplus impudicus</i>	
Immodest Spur-throat Grasshopper	
__ <i>Melanoplus keeleri</i>	
Keeler's Locust	
__ <i>Melanoplus keeleri keeleri</i>	
Keeler's Locust	
__ <i>Melanoplus keeleri luridus</i>	
Broad-necked Locust	
__ <i>Melanoplus mirus</i>	SE
Weldon Melanoplus	
__ <i>Melanoplus nigrescens</i>	OC OC
Black-sided Spur-throat Grasshopper	
__ <i>Melanoplus nossi</i>	OC
Noss's Short-winged Grasshopper	
__ <i>Melanoplus nubilus</i>	FR
Nubile Melanoplus	
__ <i>Melanoplus pachycercus</i>	
Thick Cercused Green-legged Melanoplus	
__ <i>Melanoplus propinquus</i>	OC
Southern Red-legged Melanoplus	
__ <i>Melanoplus punctulatus</i>	IN
Grizzly Locust	
__ <i>Melanoplus punctulatus arboreus</i>	
Southern Grizzly Locust	
__ <i>Melanoplus punctulatus punctulatus</i>	
Grizzly Locust	
__ <i>Melanoplus sanguinipes</i>	IN
Migratory Locust	

ACRIDIDAE: Short-horned Grasshoppers [cont.]

__ <i>Melanoplus scudderi</i>	RE
Scudder's Short-winged Locust	
__ <i>Melanoplus serrulatus</i>	
Serrulate Melanoplus	
__ <i>Melanoplus similis</i>	
Similar Green-legged Melanoplus	
__ <i>Melanoplus strumosus</i>	FR
Swollen Spur-throat Grasshopper	
__ <i>Melanoplus sylvestris</i>	
Woodland Short-winged Grasshopper	
__ <i>Melanoplus unidentified species</i>	
A Melanoplus Grasshopper	
__ <i>Melanoplus viridipes group unidentified species</i>	
__ <i>Melanoplus walshii</i>	FR
Walsh's Locust	
__ <i>Mermiria bivittata</i>	SE
Two-striped Mermiria	
__ <i>Mermiria intertexta</i>	OC
Intertexta Mermiria	
__ <i>Mermiria picta</i>	FR
Lively Mermiria	
__ <i>Mermiria unidentified species</i>	
__ <i>Metaleptea brevicornis</i>	RE
Clipped-Wing Grasshopper	
__ <i>Orphulella pelidna</i>	FR
Spotted-Wing Grasshopper	
__ <i>Orphulella speciosa</i>	
Slant-faced Pasture Grasshopper	
__ <i>Paratylotropidia beutenmuelleri</i>	
Beutenmüller's Locust	
__ <i>Pardalophora apiculata</i>	
Coral-winged Locust	
__ <i>Pardalophora phoenicoptera</i>	IN FR
Orange-Winged Grasshopper	
__ <i>Paroxya atlantica</i>	IN
Atlantic Grasshopper; Atlantic Locust	
__ <i>Paroxya clavuligera</i>	
Olive-green Swamp Grasshopper	
__ <i>Pseudochorthippus curtipennis</i>	FR
Marsh Meadow Grasshopper	
__ <i>Psinidia fenestralis</i>	FR
Long-horned Locust	
__ <i>Schistocerca alutacea</i>	FR
Leather-colored Bird Locust	

ACRIDIDAE: Short-horned Grasshoppers [cont.]

__ <i>Schistocerca americana</i>	FR
American Bird Locust	
__ <i>Schistocerca damnifica</i>	
Mischievous Bird Locust	
__ <i>Schistocerca lineata</i>	OC
Spotted Bird Locust	
__ <i>Schistocerca obscura</i>	OC
Obscure Bird Locust	
__ <i>Schistocerca rubiginosa</i>	OC
Rusty Bird Locust	
__ <i>Schistocerca unidentified species</i>	
__ <i>Spharagemon bolli</i>	FR FR
Boll's Locust	
__ <i>Spharagemon cristatum</i>	IN
Ridgeback Sand Locust	
__ <i>Spharagemon marmoratum pictum</i> ..	
Southern Marbled Locust	
__ <i>Stenacris vitreipennis</i>	
Glassy-winged Toothpick Grasshopper	
__ <i>Stethophyma celatum</i>	OC
Otte's Sedge Grasshopper	
__ <i>Syrbula admirabilis</i>	IN FR
Handsome Grasshopper	
__ <i>Trachyrhachys kiowa</i>	
Kiowa Locust	
__ <i>Trimerotropis maritima</i>	OC FR
Seaside Locust	
__ <i>Trimerotropis saxatilis</i>	OC OC
Rock-loving Locust	
GRYLLACRIDIDAE: Raspy Crickets [1]	
__ <i>Camptonotus carolinensis</i>	
Carolina Leaf-roller	
GRYLLIDAE: True Crickets [64]	
__ <i>Acheta domesticus</i>	
House Cricket	
__ <i>Allonemobius allardi</i>	RE
Allard's Ground Cricket	
__ <i>Allonemobius fultoni</i>	
Fulton's Ground Cricket	
__ <i>Allonemobius griseus funeralis</i>	
Dusky Ground Cricket	
__ <i>Allonemobius maculatus</i>	FR
Spotted Ground Cricket	
__ <i>Allonemobius socius</i>	FR RE FR
Southern Ground Cricket	

GRYLLIDAE: True Crickets [cont.]

__ <i>Allonemobius sparsalsus</i>	
Salt-Marsh Ground Cricket	
__ <i>Allonemobius tinnulus</i>	FR
Tinkling Ground Cricket	
__ <i>Allonemobius unidentified species</i> ...	
a Ground Cricket	
__ <i>Allonemobius walkeri</i>	OC
Walker's Ground Cricket	
__ <i>Anaxipha delicatula</i>	OC
Chirping Trig	
__ <i>Anaxipha exigua</i>	IN IN
Say's Trig	
__ <i>Anaxipha litarena</i>	
Beach Trig	
__ <i>Anaxipha new species near vernalis</i>	
Summer Trig	
__ <i>Anaxipha rosamacula</i>	
Pink-spotted Trig	
__ <i>Anaxipha thomasi</i>	IN IN
Thomas's Trig	
__ <i>Anaxipha tinnula</i>	IN
Tidewater Trig	
__ <i>Anaxipha tinnulacita</i>	FR FR
Fast-tinkling Trig	
__ <i>Anaxipha tinnulenta</i>	IN
Slow-Tinkling Trig	
__ <i>Anaxipha unidentified species</i>	
A Trig	
__ <i>Anaxipha vernalis</i>	
Spring Trig	
__ <i>Anurogryllus arboreus</i>	
Common Short-Tailed Cricket	
__ <i>Cycloptilum bidens</i>	
Two-Toothed Scaly Cricket	
__ <i>Cycloptilum slossoni</i>	
Slosson's Scaly Cricket	
__ <i>Cycloptilum tardum</i>	
Slow-chirp Scaly Cricket	
__ <i>Cycloptilum trigonipalpus</i>	
Forest Scaly Cricket	
__ <i>Cycloptilum unidentified species</i>	
A Scaly Cricket	
__ <i>Cyrtoxipha columbiana</i>	FR IN
Columbian Trig	

GRYLLIDAE: True Crickets [cont.]

__ <i>Eunemobius carolinus</i>	RE
Carolina Ground Cricket	
__ <i>Eunemobius confusus</i>	FR
Confused Ground Cricket	
__ <i>Eunemobius melodius</i>	
Melodious Ground Cricket	
__ <i>Eunemobius unidentified species</i>	
__ <i>Falcicula hebardii</i>	OC OC
Hebard's Trig	
__ <i>Gryllidae unidentified species</i>	
__ <i>Gryllus firmus</i>	FR
Sand Field Cricket	
__ <i>Gryllus fultoni</i>	FR RE
Southern Wood Cricket	
__ <i>Gryllus pennsylvanicus</i>	FR FR OC
Fall Field Cricket	
__ <i>Gryllus pennsylvanicus-veletis</i>	
__ <i>Gryllus rubens</i>	RE
Southeastern Field Cricket	
__ <i>Gryllus unidentified species</i>	
__ <i>Gryllus veletis</i>	
Spring Field Cricket	
__ <i>Hapithus agitator</i>	
Restless Bush Cricket	
__ <i>Miogryllus verticalis</i>	OC OC OC
Eastern Striped Cricket	
__ <i>Myrmecophilus pergandei</i>	
Eastern Ant Cricket	
__ <i>Nemobiinae unidentified species</i>	
__ <i>Neonemobius cubensis</i>	
Cuban Ground Cricket	
__ <i>Neonemobius palustris</i>	
Sphagnum Ground Cricket	
__ <i>Neonemobius variegatus</i>	
Variiegated Ground Cricket	
__ <i>Neoxabea bipunctata</i>	
Two-Spotted Tree Cricket	
__ <i>Oecanthus celerinictus</i>	
Fast-Calling Tree Cricket	
__ <i>Oecanthus exclamationis</i>	
Davis's Tree Cricket	
__ <i>Oecanthus fultoni</i>	
Snowy Tree Cricket	
__ <i>Oecanthus latipennis</i>	
Broad-Winged Tree Cricket	

GRYLLIDAE: True Crickets [cont.]

__ <i>Oecanthus nigricornis</i>	
Black-Horned Tree Cricket	
__ <i>Oecanthus niveus</i>	
Narrow-Winged Tree Cricket	
__ <i>Oecanthus pini</i>	
Pine Tree Cricket	
__ <i>Oecanthus quadripunctatus</i>	
Four-Spotted Tree Cricket	
__ <i>Oecanthus unidentified species</i>	
A Tree Cricket	
__ <i>Orocharis luteolira</i>	FR FR
False Jumping Bush Cricket	
__ <i>Orocharis saltator</i>	RE FR
Jumping Bush Cricket	
__ <i>Orocharis unidentified species</i>	
A Bush Cricket	
__ <i>Phyllopalpus pulchellus</i>	
Handsome Trig	
__ <i>Pictonemobius hubbelli</i>	
Hubbell's Ground Cricket	
__ <i>Velarifictorus micado</i>	FR FR
Japanese Burrowing Cricket	
GRYLLOTALPIDAE: Mole Crickets [3]	
__ <i>Neocurtilla hexadactyla</i>	FR
Northern Mole Cricket	
__ <i>Neoscapteriscus borellii</i>	
Southern Mole Cricket	
__ <i>Neoscapteriscus vicinus</i>	
Tawny Mole Cricket	
RHAPHIDOPHORIDAE: Camel Crickets [14]	
__ <i>Ceuthophilus crassifemoris</i>	SE
Thick-legged Camel Cricket	
__ <i>Ceuthophilus gracilipes</i>	
A Camel Cricket	
__ <i>Ceuthophilus guttulosus angulosus</i> ..	
A Camel Cricket	
__ <i>Ceuthophilus guttulosus guttulosus</i> ..	
A Camel Cricket	
__ <i>Ceuthophilus lapidicola</i>	
A Camel Cricket	
__ <i>Ceuthophilus maculatus</i>	SE
Spotted Camel Cricket	
__ <i>Ceuthophilus pallidipes</i>	
A Camel Cricket	

RHAPHIDOPHORIDAE: Camel Crickets [cont.]

__ <i>Ceuthophilus uhleri</i>	
Uhler's Camel Cricket	
__ <i>Ceuthophilus unidentified species</i>	
A Camel Cricket	
__ <i>Ceuthophilus walkeri</i>	
Walker's Camel Cricket	
__ <i>Diestrammena japonica</i>	
Japanese Camel Cricket	
__ <i>Euhadenoecus adelphus</i>	SE OC
A Cave Cricket	
__ <i>Euhadenoecus puteanus</i>	
A Cave Cricket	
__ <i>Tachycines asynamorus</i>	
Greenhouse Camel Cricket	
ROMALEIDAE: Lubber Grasshoppers [1]	
__ <i>Romalea microptera</i>	
Eastern Lubber Grasshopper	
TETRIGIDAE: Pygmy Grasshoppers [12]	
__ <i>Neotettix femoratus</i>	
Short-Legged Pygmy Grasshopper	
__ <i>Neotettix proavus</i>	
Fork-Faced Pygmy Grasshopper	
__ <i>Nomotettix cristatus</i>	
Crested Pygmy Grasshopper	
__ <i>Paratettix cucullatus</i>	
Hooded Pygmy Grasshopper	
__ <i>Paxilla obesa</i>	
Obese Pygmy Grasshopper	
__ <i>Tetriginae Unidentified Species</i>	
__ <i>Tetrix arenosa</i>	
Sanded Pygmy Grasshopper	
__ <i>Tetrix ornata</i>	
Ornate Pygmy Grasshopper	
__ <i>Tettigidea acuta</i>	
Acute Pygmy Grasshopper	
__ <i>Tettigidea armata</i>	
Armored Pygmy Grasshopper	
__ <i>Tettigidea lateralis</i>	
Black-Sided Pygmy Grasshopper	
__ <i>Tettigidea prorsa</i>	
Cone-Headed Pygmy Grasshopper	
TETTIGONIIDAE: Katydid [66]	
__ <i>Amblycorypha alexanderi</i>	
Clicker Round-Winged Katydid	

TETTIGONIIDAE: Katyids [cont.]

__ <i>Amblycorypha arenicola</i>	
Sandhill Virtuoso Katydid	
__ <i>Amblycorypha carinata</i>	
Carinate Katydid	
__ <i>Amblycorypha floridana</i>	
__ <i>Amblycorypha longinicta</i>	
Common Virtuoso Katydid	
__ <i>Amblycorypha oblongifolia</i>	
Oblong-Winged Katydid	
__ <i>Amblycorypha peedee</i>	
Pee Dee Round-winged Katydid	
__ <i>Amblycorypha rotundifolia</i>	
Rattler Round-Winged Katydid	
__ <i>Amblycorypha uhleri</i> group	
__ <i>Amblycorypha unidentified species</i> ..	
__ <i>Atlanticus americanus</i>	
American Shieldback	
__ <i>Atlanticus davisii</i>	
Davis's Shield-bearer	
__ <i>Atlanticus gibbosus</i>	
Robust Shieldback	
__ <i>Atlanticus monticola</i>	
Least Shieldback	
__ <i>Atlanticus pachymerus</i>	RE
Southern Protean Shieldback	
__ <i>Atlanticus unidentified species</i>	
__ <i>Belocephalus subapterus</i>	
Half-Winged Conehead	
__ <i>Bucrates malivolans</i>	
Cattail Conehead	
__ <i>Conocephalus aigialus</i>	
Seashore Meadow Katydid	
__ <i>Conocephalus allardi</i>	
Allard's Meadow Katydid	
__ <i>Conocephalus brevipennis</i>	RE
Short-Winged Meadow Katydid	
__ <i>Conocephalus fasciatus</i>	RE
Slender Meadow Katydid	
__ <i>Conocephalus nemoralis</i>	
Woodland Meadow Katydid	
__ <i>Conocephalus nigropleuroides</i>	
Tidewater Meadow Katydid	
__ <i>Conocephalus saltans</i>	
Prairie Meadow Katydid	

TETTIGONIIDAE: Katyids [cont.]

__ <i>Conocephalus spartinae</i>	
Saltmarsh Meadow Katydid	
__ <i>Conocephalus stictomerus</i>	
Spotted-Legged Meadow Katydid	
__ <i>Conocephalus strictus</i>	FR
Straight-Lanced Meadow Katydid	
__ <i>Conocephalus unidentified species</i> ..	
__ <i>Hubbellia marginifera</i>	
Pine Katydid	
__ <i>Inscudderia walkeri</i>	OC
Eastern Cypress Katydid	
__ <i>Microcentrum retinerve</i>	RE RE RE
Lesser Angle-Wing	
__ <i>Microcentrum rhombifolium</i>	
Greater Angle-Wing	
__ <i>Montezumina modesta</i>	OC
Modest Katydid	
__ <i>Neoconocephalus caudellianus</i>	
Caudell's Conehead	
__ <i>Neoconocephalus ensiger</i>	
Sword-Bearing Conehead	
__ <i>Neoconocephalus exiliscanorus</i>	
Slightly Musical Conehead	
__ <i>Neoconocephalus melanorhinus</i>	
Black-Nosed Conehead	
__ <i>Neoconocephalus palustris</i>	
Marsh Conehead	
__ <i>Neoconocephalus retusus</i>	
Round-Tipped Conehead	
__ <i>Neoconocephalus robustus</i>	
Robust Conehead	
__ <i>Neoconocephalus triops</i>	FR
Broad-Tipped Conehead	
__ <i>Neoconocephalus unidentified species</i>	
__ <i>Neoconocephalus velox</i>	
Swift Conehead	
__ <i>Odontoxiphidium apterum</i>	
Wingless Meadow Katydid	
__ <i>Orchelimum agile</i>	FR FR
Agile Meadow Katydid	
__ <i>Orchelimum bradleyi</i>	
Bradley's Meadow Katydid	
__ <i>Orchelimum concinnum</i>	
Stripe-Faced Meadow Katydid	

TETTIGONIIDAE: Katyids [cont.]

__ <i>Orchelimum erythrocephalum</i>	RE
Red-Headed Meadow Katydid	
__ <i>Orchelimum fidicinium</i>	
Seaside Meadow Katydid	
__ <i>Orchelimum militare</i>	
Military Meadow Katydid	
__ <i>Orchelimum minor</i>	
Lesser Pine Katydid	
__ <i>Orchelimum pulchellum</i>	FR FR
Handsome Meadow Katydid	
__ <i>Orchelimum superbum</i>	
Superb Meadow Katydid	
__ <i>Orchelimum unidentified species</i>	
__ <i>Orchelimum vulgare</i>	FR
Common Meadow Katydid	
__ <i>Pterophylla camellifolia</i>	RE RE RE
Common True Katydid	
__ <i>Pyrgocorypha uncinata</i>	FR
Hook-Faced Conehead	
__ <i>Scudderia cuneata</i>	
Southeastern Bush Katydid	
__ <i>Scudderia curvicauda</i>	
Curve-Tailed Bush Katydid	
__ <i>Scudderia curvicauda laticauda</i>	
Broad-tailed Bush Katydid	
__ <i>Scudderia fasciata</i>	
Treetop Bush Katydid	
__ <i>Scudderia furcata</i>	
Fork-Tailed Bush Katydid	
__ <i>Scudderia septentrionalis</i>	
Northern Bush Katydid	
__ <i>Scudderia texensis</i>	
Texas Bush Katydid	
__ <i>Scudderia unidentified species</i>	
A Bush Katydid	
TRIDACTYLIDAE: Pygmy Mole Crickets [2]	
__ <i>Ellipes minuta</i>	
Smaller Sand Cricket	
__ <i>Neotridactylus apicalis</i>	
Larger Pygmy Locust	

Authors Steve Hall, Ed Corey & Tom Howard