

Key to Genera of Nitidulidae of South Carolina

(J. Ciegler 2014)

- 1 Tarsal formula 4-4-4; length 1.0-1.5 mm; able to roll into a ball [*Cybocephalus*](#)
Tarsal formula 5-5-5; length 1.5-8.0 mm; body normally subrigid 2
- 2(1) Pygidium and preceding one or two tergites exposed 3
Pygidium only exposed (if abdomen deflexed, penultimate tergite might be visible)..... 9
- 3(2) Pygidium and preceding one tergite exposed 4
Pygidium and preceding two tergites exposed, at least in part 6
- 4(3) Body convex; setae long and conspicuous [*Amphicrossus*](#) (in part, females)
Body normally flatter; setae generally short and inconspicuous, or glabrous 5
- 5(4) Pronotum with anterior margin more or less emarginate, front angles prominent, base unmarginated
..... [*Epuraea*](#) (in part, females)
Pronotum with anterior margin slightly curved, front angles generally not prominent, base margined,
at least in part [*Carpophilus*](#)
- 6(3) Pygidium and last abdominal sternum long and conical [*Conotelus*](#)
Pygidium not long and conical 7
- 7(6) Body broad, sides rounded [*Colopterus*](#)
Body elongate, sides nearly parallel 8
- 8(7) Body depressed, pygidium and last abdominal sternum short and depressed
..... [*Brachypeplus glaber*](#) LeConte
Body convex; pygidium and last abdominal sternum not depressed [*Urophorus humeralis*](#) (Fabricius)
- 9(2) Elytra longitudinally costate, or striate with 8-10 striae, or with setae in longitudinal rows..... 10
Elytra with confused punctures, or with punctures in more than 20 longitudinal rows..... 16
- 10(9) Body convex..... 11
Body moderately to extremely flattened 13
- 11(10) Elytra conspicuously setose..... [*Pocadius helvolus*](#) Erichson
Elytra without long conspicuous setae 12
- 12(11) Elytra with distinctly impressed punctate striae [*Psilopyga*](#)
Elytra with rows of punctures, only the sutural row impressed near base [*Pallodes*](#)
- 13(10) Small, length 1.5-3.5 mm; elytra with narrow margins [*Stelidota*](#)
Larger, length 3.5-8.0 mm; elytra with wide flattened margins 14
- 14(13) Frons not lobed over antennae..... [*Phenolia grossa*](#) (Fabricius)
Frons lobed over antennae..... 15
- 15(14) Elytra not or merely apparently costate [*Lobiopa*](#)
Elytra distinctly costate [*Amphotis*](#)
- 16(9) Body cylindrical, 3.6 times as long as wide [*Pityophagus cephalotes*](#) LeConte
Body moderate to wide..... 17
- 17(16) Eyes with conspicuous setae 18
Eyes without setae..... 19

18(17)	Eyes with tuft of setae laterally; legs broad and flattened; pygidium with a basal transverse row of foveae; piceous to black.....	<i>Aethina tumida</i> Murray	
	Eyes with short setae regularly distributed; tibiae markedly spiny but not flattened; pygidium without foveae; color various.....	<i>Thalycra</i> (in part)	
19(17)	Body flattened; pronotum and elytra with wide flat margins; elytra maculate	<i>Prometopia sexmaculata</i> (Say)	
	Body not particularly flattened; pronotum and elytra with narrow to wide margins; elytra various		20
20(19)	Pronotum margined at base, some species with margin only at middle or difficult to see		21
	Pronotum not margined at base		24
21(20)	Pronotal basal margin obvious and entire; elytra maculate	<i>Glischrochilus</i>	
	Pronotal base margined only at middle, difficult to see; elytra various.....		22
22(21)	Testaceous; front tibia with spine on outer apical edge.....	<i>Thalycra</i> (in part)	
	Yellowish brown to piceous; front tibia without apical spine		23
23(22)	Body broad; elytra with many fine rectangular punctures arranged in regular series; elytra unicolorous.....	<i>Cychramus</i>	
	Body elongate; elytra with confused punctures; elytra maculate	<i>Nitidula</i>	
24(20)	Dorsal surface glabrous; black with two red maculae	<i>Cyllodes biplagiatus</i> LeConte	
	Dorsal surface setose; color various		25
25(24)	Dorsal surface with long, conspicuous setae; most specimens larger, length 2.7-7.8 mm		26
	Dorsal surface with short to medium, less conspicuous setae; most specimens smaller, length 1.8-4.5 mm		27
26(25)	Labrum free, more or less visible	<i>Amphicrossus</i> (in part, males)	
	Labrum and frons fused with clypeus	<i>Cryptarcha</i>	
27(25)	Antennal club circular; elytra patterned; pronotum flattened with wide margins; length 2.0-3.5 mm	<i>Omosita nearctica</i> Kirejtshuk	
	Antennal club of most species elongate; elytra of most species unicolorous; pronotum various; length 2.0-4.5 mm		28
28(27)	Outer edge of middle and hind tibiae with two rows of small marginal spines, widest at apex	<i>Epuraea</i> (in part, males)	
	Outer edge of middle and hind tibiae with a single row of marginal spines, widest one-third from apex, apex narrow.....		29
29(28)	Pronotal and elytral sides relatively widely flattened; elytra metallic greenish or bluish green	<i>Brassicogethes simplipes</i> (Easton)	
	Pronotal and elytral sides narrowly flattened; dorsal surface entirely black or nearly so, not metallic	<i>Fabogethes nigrescens</i> (Stephens)	

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