

A Review of the Genus *Teretriorhynchites* (Coleoptera, Rhynchitidae) from the Russian Fauna

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Abstract—The genus *Teretriorhynchites*, subgenera *Aphlorhynchites* and *Teretriorhynchites* s. str., and four species (*T. pubescens*, *T. amabilis*, *T. hirticollis*, and *T. caeruleus*) from the Russian fauna are redescribed. Keys to the subgenera, species, and subspecies are given. The data on trophic associations of species of this genus are summarized.

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The genus *Teretriorhynchites* Voss, 1938 is a compact monophyletic group distributed in the Palaearctic Region. Most authors (Voss, 1938, 1941; Ter-Minassian, 1950; Sawada, 1993; Alonso-Zarazaga, Lyal, 1999) considered this group within the genus *Haplorrhynchites* Voss, 1924. Species from America and the Oriental Region were also included in this genus (Voss, 1938, 1941; Hamilton, 1974). Sawada (1993) distinguished the Palaearctic species from the Oriental members of *Haplorrhynchites*. The American species were separated by the author (Legalov, 2003) in the new genus *Amerorhynchites* Legalov, 2003 not related to *Teretriorhynchites*. The first revision of the genus was performed by Voss (1938). The Japanese species were reviewed by Sawada (1993). A new subgeneric classification was proposed by the author (Legalov, 2007b), who also described new taxa, established new synonyms, clarified the distribution, and described a new subspecies from Iran (Legalov, 2003, 2004b, 2007a). However, the species of the Russian fauna remained poorly studied. Closely related species were difficult to identify.

The species of the genus *Teretriorhynchites* cut rather long apical parts of young shoots. They are associated with plants of various families (Legalov, 2006, 2007a).

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Family RHYNCHITIDAE Gistel, 1848

Supertribe Rhynchititae Gistel, 1848

Tribe Rhynchitini Gistel, 1848

Subtribe Rhynchitina Gistel, 1848

Genus *Teretriorhynchites* Voss, 1938 (Figs. 1, 2)

Rhynchites subgenus *Teretriorhynchites* Voss, 1938 : 135.

Type species *Curculio caeruleus* DeGeer, 1775, by monotypy.

*A Key to the Subgenera of the Genus
Teretriorhynchites*

1. Head narrowed behind eyes (Fig. 1g). Hairs on elytra longer and erect (Fig. 1j). Apex of aedeagus pointed (Fig. 2f) *Teretriorhynchites* s. str.
- Head not narrowed behind eyes (Fig. 1a) 2.
2. Club of antennae elongate. Elytra reddish brown or blue *Chinorhynchitoides*.
- Club of antennae not elongate 3.
3. Elytral striae shallow, indistinct, with sparse, shallow punctures (Fig. 1k). Intervals wide. Body covered with longer hairs. Aedeagus pointed *Chinorhynchites*.
- Elytral striae deep, distinct, with dense punctures (Fig. 1b). Body covered with shorter, recumbent or suberect hairs. Apex of aedeagus truncate (Fig. 2b) *Aphlorhynchites*.

*A Key to the Species of the Subgenus Aphlorhynchites
of the Russian Fauna*

1. Base of sternites VIII in males strongly emarginate (Fig. 2o). Eyes weakly convex in males (Fig. 1c), very weakly convex in females (Fig. 1d). Rostrum longer in females than in males *T. pubescens*.
- Base of sternites VIII in males not emarginate (Figs. 2m, 2n). Eyes usually more strongly convex (Figs. 1a, 1b, 1e, 1f) 2.
2. Apex of aedeagus weakly narrowed (Fig. 2b). Eyes weakly convex, more strongly convex in males than in females (Figs. 1a, 1b). Hairs on elytra longer, erect. Rostrum slightly longer in females, or as long as that in males *T. amabilis*.
- Apex of aedeagus not narrowed (Fig. 2a). Eyes strongly convex, almost equally convex in both sexes (Figs. 1e, 1f). Hairs on elytra shorter, semi-erect. Rostrum longer in females than in males *T. hirticollis*.

*A Key to the Subspecies of the Species *T. caeruleus**

1. Frons less densely and less coarsely punctate. South of the Russian Far East, Korea, Northeastern China *T. caeruleus ussuriensis*.
- Frons more densely and more coarsely punctate 2.
2. Eyes more strongly convex. Pronotum without depressions. Elytra shorter. Western Palaearctic Region *T. caeruleus caeruleus*.

—Eyes less strongly convex. Pronotum with depressions laterally. Elytra longer. Iran *T. caeruleus iranensis*.

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