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O'ZBEKISTON UZUNMO'YLOV QO'NG'IZLARI (COLEOPTERA, CERAMBYCIDAE)  
NING TAKSONOMIK TAHLILIТАКСОНОМИЧЕСКИЙ АНАЛИЗ УСАЧЕЙ (COLEOPTERA, CERAMBYCIDAE)  
УЗБЕКИСТАНАTAXONOMIC ANALYSIS OF LONGHORN BEETLES (COLEOPTERA,  
CERAMBYCIDAE) OF UZBEKISTANMa'rupov Akmaljon Akbarovich<sup>1</sup><sup>1</sup>Ma'rupov Akmaljon Akbarovich– Farg'ona davlat universiteti zoologiya va umumiy  
biologiya kafedrası o'qituvchisi**Annotatsiya**

Uzunmo'ylov qo'ng'izlar O'zbekistonning barcha hududlarda keng tarqalgan dendrofag zararkunanda hasharotlar bo'lib, ularning 6 kenja oila, 20 triba, 34 urug' va 23 kenja urug'ga mansub jami 86 tur hamda kenja turi qayd etildi. Uzunmo'ylov qo'ng'izlarning mazkur ro'yxati O'zbekiston uchun ilk marotaba tuzilgan bo'lib, ushbu qo'ng'izlarning faunasi hamda tarqalishini o'rganishda, shu bilan birga, zararkunanda turlarga qarshi kurashning samarali chora-tadbirlarini belgilashda muhim ilmiy va amaliy ahamiyatga ega.

**Аннотация**

Усачи - широко распространенные насекомые-дendрофаги во всех регионах Узбекистана, всего насчитывалось 86 видов и подвидов, относящихся к 6 подсемействам, 20 трибам, 34 родам и 23 подродам. Настоящий перечень усачей составлен впервые для Узбекистана и имеет важное значение для изучения фауны и распространения этих жуков, а также имеет большое научное и практическое значение при определении эффективных мер борьбы с вредителями.

**Abstract**

The longhorn beetles are widespread dendrophagous insects in all regions of Uzbekistan, and a total of 86 species and subspecies belonging to 6 subfamilies, 20 tribes, 34 genera and 23 subgenera were recorded. The current checklist of the longhorn beetles was compiled for the first time for Uzbekistan, and is of important for investigating the fauna and distribution of these beetles, as well as, is also of great scientific and practical importance in determining effective measures to fight against pest species.

**Kalit so'zlar:** uzunmo'ylov qo'ng'izlar, Farg'ona vodiysi, tur tarkibi, dendrofag, zararkunanda turlar, ksilofag.

**Ключевые слова:** усачи, Ферганская долина, видовой состав, дендрофаги, виды вредителей, ксилофаги.

**Key words:** longhorn beetles, Fergana Valley, species diversity, dendrophagus, pest species, xylophage.

**KIRISH**

Qattiqqanotlilar turkumi vakillari ayni vaqtda Yer yuzidagi ma'lum bo'lgan hayvonlarning deyarli chorak qismini tashkil qiladi (Rossa & Goczal, 2021). Ushbu hasharotlarning xilma-xilligi, turli geografik mintaqalar bo'ylab tarqalish qonuniyatlarini o'rganish muhim bo'lib, bu antropogen omil sabab biologik xilma-xillikni yoppasiga qirilib ketish davrida navbatdagi ishlarni rejalashtirishda kalit vazifasini o'tashi mumkin (Ceballos *et al.*, 2015). Uzunmo'ylov qo'ng'izlar (Cerambycidae) qattiqqanotlilarning eng yirik oilalaridan biri bo'lib, ularning bugungi kunda 38000 dan ortiq turi mavjud (Tavakilian & Chevillotte, 2022). Ushbu qattiqqanotlilar oilasining Markaziy Osiyodagi faunasini o'rganishga qaratilgan tadqiqotlar yildan-yilga ortiq bormoqda. Jumladan, Tojikistonda ularning 60 turi uchrashi ma'lum bo'lsa (Kadyrov *et al.*, 2016), Qozog'istonning jabuniy va sharqiy qismida ularning 78 turi qayd etilgan (Karpinski *et al.*, 2018). O'zbekiston hasharotlariga bag'ishlangan bir qator ishlarda uzunmo'ylov qo'ng'izlar haqida ma'lumotlar keltirilgan bo'lsa-da (Yaxontov, 1962), lekin ularning mamlakat hududidagi umumiy tur soni borasida aniq ma'lumotlar mavjud emas.

Mazkur maqolada O'zbekiston hududida uchrovchi uzunmo'ylov qo'ng'izlar tur sonini ularning yuqori taksonomik o'rinlari bilan birgalikda keltirish maqsad qilib olingan.

**MATERIAL VA METODIKA**

O'zbekiston hududidagi uzunmo'ylov qo'ng'izlarning tur tarkibini aniqlashda xalqaro e'tirof etilgan "Titan database on Cerambycidae or Longhorn beetles" (<http://titan.gbif.fr/index.html>), "Lamiines of the World" (<https://lamiinae.org/about.html>), "Cerambycidae: Subfamily Prioninae of

World” (<http://www.cerambycidae.cz/home-page.html>), “Catalogue of Palaearctic Chrysomeloidea (Vesperidae, Disteniidae, Cerambycidae)” (<http://www.cerambycidae.net/>) kabi kataloglardan hamda ular tarkibidagi yuzlab ilmiy adabiyotlardan foydalanildi. Bundan tashqari 2011-2023-yillar davomida Farg'ona vodiysining 50 ga yaqin nuqtasidan yig'ilgan namunalar uzunmo'ylov qo'ng'izlar tur tarkibini aniqlash uchun asos bo'ldi.

### NATIJALAR VA MUHOKAMA

Qator rasmiy xalqaro kataloglar va adabiyotlar tahlili hamda shaxsiy kuzatuvlar asosida O'zbekiston hududida uchrovchi uzunmo'ylov qo'ng'izlarning tur tarkibi quyida keltirilmoqda. Turlar ro'yxati kenja oila, triba tarkibida alifbo tartibida berilgan.

#### Oila I. CERAMBYCIDAE Latreille, 1802

##### Kenja oila 1. APATOPHYSEINAE Lacordaire, 1869

Triba 1. Apatophyseini Lacordaire, 1869

1. *Apatophysis (Angustephris) margiana* Semenov & Schegoleva-Barovskaya, 1936
2. *Apatophysis (Apatophysis) baeckmanniana* Semenov, 1907
3. *Apatophysis (Apatophysis) caspica* Semenov, 1901

##### Kenja oila 2. CERAMBYCINAE Latreille, 1802

Triba 2. Anaglyptini Lacordaire, 1869

4. *Anaglyptus bicallosus* (Kraatz, 1882)

Triba 3. Callichromatini Blanchard, 1845

5. *Turkaromia gromenkoi* Danilevsky, 2000

Triba 4. Callidiini Mulsant, 1839

6. *Ropalopus mali* Holzschuh, 1993

7. *Ropalopus nadari* Woodpecker, 1894

8. *Semanotus semenovi* Okunev, 1933

9. *Turanium (Chalcoturanium) johannis* Baeckmann, 1922

10. *Turanium (Turanium) hladili* Kratochvíl, 1985

11. *Turanium (Turanium) losi* Karpiński, Plewa & Hilszczański, 2021

12. *Turanium (Turanium) pilosum* (Reitter, 1891)

13. *Turanium (Turanium) scabrum* (Kraatz, 1882)

Triba 5. Cerambycini Latreille, 1802

14. *Trirachys sartus* (Solsky, 1871)

Triba 6. Clytini Mulsant, 1839

15. *Chlorophorus elaeagni* Plavilstshikov, 1956

16. *Chlorophorus faldermanni* Faldermann, 1837

17. *Chlorophorus navratili* Holzschuh, 1981

18. *Echinocerus floralis* (Pallas, 1773)

- 18.1. *Echinocerus floralis aulicus* (Laicharting, 1784)

19. *Rhaphuma gracilipes* (Faldermann, 1835)

20. *Xylotrechus (Turanoclytus) asellus* (Thieme, 1881)

21. *Xylotrechus (Turanoclytus) namanganensis* (Heyden, 1885)

Triba 7. Hesperophanini Mulsant, 1839

22. *Trichoferus campestris* (Faldermann, 1835)

23. *Turcmenigena warezowi* Melgunov, 1894

Triba 8. Molorchini Mulsant, 1863

24. *Molorchus (Caenoptera) pallidipennis* Heyden, 1887

25. *Molorchus (Molorchus) schmidti* Ganglbauer, 1883

26. *Molorchus (Nathrioglaphyra) heptapotamicus* Plavilstshikov, 1940

Triba 9. Tillomorphini Lacordaire, 1869

27. *Cleroclytus semirufus* Kraatz, 1884

Triba 10. Trachyderini Dupont, 1836

28. *Anoplistes forticornis* Reitter, 1901

##### Kenja oila 3. LAMIINAE Latreille, 1825

Triba 11. Agapanthiini Mulsant, 1839

- 29.1. *Agapanthia (Epoetes) dahlii muellneri* Reitter, 1898

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30. *Agapanthia (Eoptes) detrita* Kraatz, 1882  
 31. *Agapanthia (Eoptes) nigriventris* Waterhouse, 1889  
 32. *Agapanthia (Eoptes) parauliensis* Danilevsky, 2017  
 33. *Agapanthia (Eoptes) turanica* Plavilstshikov, 1930  
 34. *Agapanthia (Smaragdula) incerta* Plavilstshikov, 1930  
 35. *Agapanthia (Stichodera) soror* Kraatz, 1882  
 36. *Agapanthiola leucaspis* (Steven, 1817)  
 Triba 12. Dorcadionini Swainson & Shuckard, 1840  
 37. *Dokhtouroffia baeckmanni* (Jankowski, 1934)  
 38. *Dorcadion (Cribridorcadion) dokhtouroffi* Ganglbauer, 1886  
 39. *Dorcadion (Cribridorcadion) turkestanicum* Kraatz, 1881  
 Triba 13. Obereini Thomson, 1864  
 40. *Oberea (Amaurostoma) ruficeps* Fischer, 1842  
 Triba 14. Phytoeciini Mulsant, 1839  
 41. *Phytoecia (Fulgophytoecia) circumdata* Kraatz, 1882  
 42. *Phytoecia (Fulgophytoecia) pilosicollis* Holzschuh, 1981  
 43. *Phytoecia (Opsilia) bucharica* Breuning, 1943  
 44. *Phytoecia (Opsilia) transcaspica* Fuchs, 1955  
 45. *Phytoecia (Opsilia) varentzowi* Semenov, 1896  
 46. *Phytoecia (Parobereina) ochraceipennis* Kraatz, 1882  
 47. *Phytoecia (Phytoecia) acridula* Holzschuh, 1981  
 48.1. *Phytoecia (Phytoecia) pustulata pustulata* (Schrank, 1776)  
 48.2. *Phytoecia (Phytoecia) pustulata murina* Marseul, 1870  
 48.3. *Phytoecia (Phytoecia) pustulata pulla* Ganglbauer, 1886  
 49. *Phytoecia (Phytoecia) virgula* (Charpentier, 1825)  
 50. *Phytoecia (Pseudocoptosia) cinerascens* Kraatz, 1882  
 51. *Phytoecia (Pseudocoptosia) eylandti* Semenov, 1891  
 52.1. *Phytoecia caerulea caerulea* Scopoli, 1772  
 53. *Phytoecia nivea* Kraatz, 1882  
 54.1. *Phytoecia rufipes rufipes* Olivier, 1795  
 55.1. *Phytoecia virgula virgula* Charpentier, 1825  
 Triba 15. Saperdini Mulsant, 1839  
 56. *Saperda (Comppsidia) populnea* (Linnaeus, 1758)  
 57. *Saperda (Saperda) similis* Laicharting, 1784  
 Triba 16. Tetropini Thomson, 1860  
 58. *Tetrops (Mimosophronica) bicoloricornis* Kostin, 1973  
 58.1. *Tetrops (Mimosophronica) bicoloricornis ferganensis* Danilevsky, 2018  
 59.1. *Tetrops (Mimosophronica) elaeagni shapovalovi* Danilevsky, 2018  
 60. *Tetrops (Mimosophronica) hauseri* Reitter, 1897  
**Kenja oila 4. LEPTURINAE Latreille, 1802**  
 Triba 17. Lepturini Latreille, 1802  
 61. *Stictoleptura cardinalis* (Daniel & Daniel, 1898)  
 62. *Xenoleptura hecate* (Reitter, 1896)  
 Triba 18. Rhagiini Kirby, 1837  
 63. *Gnathacmaeops pratensis* (Laicharting, 1784)  
 64. *Stenocorus (Stenocorus) minutus* (Gebler, 1841)  
 65. *Stenocorus (Toxotochorus) validicornis* Woodpecker, 1900  
 65.1. *Stenocorus (Toxotochorus) validicornis mediocris* Danilevsky, 2012  
 65.2. *Stenocorus (Toxotochorus) validicornis univittatus* Reitter, 1913  
**Kenja oila 5. PRIONINAE Latreille, 1802**  
 Triba 19. Prionini Latreille, 1802  
 66. *Lobarthron balassogloi* (Jakovlev, 1885)  
 67.1. *Lobarthron balassogloi brevispinum* (Jakovlev, 1885)  
 68. *Mesoprionus angustatus* (Jakovlev, 1887)

69. *Microarthron komaroffi* (Dohrn, 1885)  
 70. *Pogonarthron tschitscherini* (Semenov, 1889)  
 70.1. *Pogonarthron tschitscherini brunnescens* Danilevsky & Shapovalov, 2017  
 70.2. *Pogonarthron tschitscherini pallidus* Danilevsky & Shapovalov, 2017  
 71. *Polylobarthron margelanicum* (Thery, 1896)  
 72.1. *Psilotarsus brachypterus aralensis* Danilevsky, 2000  
 72.2. *Psilotarsus brachypterus hemipterus* (Motschulsky, 1845)  
 73. *Psilotarsus heydeni* (Ganglbauer, 1888)  
 74. *Psilotarsus hirticollis* Motschulsky, 1860  
 74.1. *Psilotarsus hirticollis auliensis* Danilevsky, 2000  
 75. *Psilotarsus turkestanicus* (Semenov, 1888)

**Kenja oila 6. SPONDYLINAE Audinet-Serville, 1832**

Triba 20. Tetropini Portevin, 1927

76. *Tetropium staudingeri* Pic, 1901

Umumiy holda O'zbekiston hududida uzunmo'ylov qo'ng'izlarning 6 kenja oila, 20 triba, 34 urug' va 23 kenja urug'ga mansub 68 tur hamda 18 kenja turi uchrashligi qayd etildi. Kenja oilalar kesimida qaralganda Lamiinae kenja oilasi O'zbekistondagi umumiy uzunmo'ylov qo'ng'izlarning 40,7% ini tashkil etmoqda (1-jadval). Undan keyin esa Cerambycinae kenja oilasi 25 tur va 1 kenja tur (30,2%) bilan ikkinchi o'rinni egallamoqda. Qolgan 4 kenja oila – Prioninae, Lepturinae, Apatophyseinae va Spondylinae mos ravishda 14 (16,3%), 7 (8,1%), 3 (3,5%) va 1 (1,2%) tur va kenja turlarni o'z ichiga oladi (1-jadval).

1-jadval

**O'zbekistonda uchrovchi Cerambycidae oilasi vakillarining kenja oilalar kesimida turli taksonlarda taqsimlanishi**

	Triba	Urug'	Kenja urug'	Tur	Kenja tur
Apatophyseinae	1	1	2	3	0
Cerambycinae	9	15	6	25	1
Lamiinae	6	8	13	26	9
Lepturinae	2	4	2	5	2
Prioninae	1	5	0	8	6
Spondylinae	1	1	0	1	0
<b>Jami:</b>	20	34	23	68	18

**XULOSA**

Olingan natijalardan xulosa qilish mumkinki, O'zbekiston uzunmo'ylov qo'ng'izlari tur soni va tarqalish ko'lamini bilan o'ziga xos bo'lib, ularning taksonomik holati bo'yicha doimiy moniroting ishlarini olib borish zarur hisoblanadi. O'zbekiston uzunmo'ylov qo'ng'izlarining tur soni va tarkibini aniqlash, ular orasidagi dominant zararkunanda turlar sonini nazorat qilish uchun muhim kalit vazifasini bajarishi mumkin.

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