

O'ZBEKISTON O'RGIMCHAKLAR FAUNASINING O'RGANILISH HOLATI

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Annotatsiya.

O'rgimchaklar quruqlikdagi juda keng tarqalgan va yuqori xilma-xillikka ega bo'lgan yirtqichlardan biri bo'lib, Yer sharida 132 oila, 4310 avlodga mansub 50947 ta turi uchraydi. O'zbekistonda o'rgimchaklarni o'rganish bo'yicha bir qancha ishlar olib borilgan. Ushbu maqolada o'rgimchaklarni o'rganish bo'yicha O'zbekistonda olib borilgan tadqiqotlar haqidagi ma'lumotlar keltiriladi. Mavjud adabiyotlar taxlili asosida O'zbekiston o'rgimchaklari ro'yxati tuzildi va u 34 ta oila va 148 avlodga mansub 379 turni o'z ichiga oladi.

Kalit so'zlar: O'rgimchaklar, Salticidae, Lycosidae, Corinnidae, Pholcidae, Gnaphosidae, Dysderidae, O'zbekiston

СОСТОЯНИЕ ИЗУЧЕНИЯ ФАУНЫ ПАУКОВ УЗБЕКИСТАНА

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Аннотация. Пауки – широко распространенная и очень разнообразная на суще группа хищников. В Земном шаре насчитывается 50947 видов пауков, относящихся к 4310 родам и 34 семействам. В Узбекистане проведен ряд работ по изучению пауков. В этой статье приводятся сведения о научных исследованиях по изучению пауков в Узбекистане. На основе анализа имеющийся литературы составлен список пауков Узбекистана, которая включает 379 видов из 148 родов и 34 семейств.

Ключевые слова: Пауки, Salticidae, Lycosidae, Corinnidae, Pholcidae, Gnaphosidae, Dysderidae, Узбекистан.

STATE OF THE STUDY OF THE SPIDER FAUNA OF UZBEKISTAN

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Annotation. Spiders are one of the most widespread and diverse predators on land. There are 50,947 species in the globe, belonging to 132 families and 4,310 genera. A number of works on the study of spiders have been carried out in Uzbekistan. This article provides information about the research conducted in Uzbekistan, on the study of spiders. Based on the analysis of existing literature, a list of spiders of Uzbekistan was compiled, which includes 379 species belonging to 34 families and 148 genera.

Key words: Spiders, Salticidae, Lycosidae, Corinnidae, Pholcidae, Gnaphosidae, Dysderidae, Uzbekistan.

Kirish

O'rgimchaklar yerda taxminan 400 million yil davomida yashab kelayotgan va bugungi kunda quruqlikdagi keng tarqalgan va yuqori xilma-xillika ega turkumdir [9]. O'rgimchaklar deyarli hamma quruqlik mintaqalarida, tropik o'rmonlardan qutb cho'llarigacha, barcha biotoplarida va hatto chuchuk suv havzalarida ham yashaydi [6,7]. O'rgimchaklar yirtqich hayot tarziga ega va o'z navbatida boshqa hayvonlar uchun ozuqa bo'lib, oziq zanjirida muhim ahamiyatga ega. Qolaversa, qishloq xo'jaligi zararkunandalari bilan oziqlanganligi sababli zararkunadalarga qarshi kurash usullarini ishlab chiqishda ham muhim amaliy ahamiyatga ega [18,26,30]. Bundan tashqari, o'rgimchaklarning ba'zi turlari zaharli bo'lganligi sababli, ayrim mamlakatlarda ular bilan bog'liq jiddiy muammolar vujudga keladi [3,29].

O'rgimchaklar taksanomik va morfologik xilma-xilligi o'ta yuqori darajadagi guruhdir. Bir qator olimlarning 2015-yilgacha olib olib brogan tadqiqotlarida dunyo faunasida o'rgimchaklarning 114 oiladan iborat 45 mingdan ortiq tur mavjudligi takidlangan [15,33]. Bugungi kunga kelib xalqaro o'rgimchaklar katalogi 132 oila 4310 avlodga mansub 50947 ta turni o'z ichiga oladi [31].

Respublikamiz hududida gidrotermik tavsifi jihatidan keskin farqlanadigan turli-tuman biotsenozlar mavjud va bu holat o'rgimchaklar faunasining ham xilma-xil bo'lishiga sabab bo'ladi.

Mamlakatimizda o'rgimchaklarni o'rganish bo'yicha bir qator ilmiy tadqiqotlar olib borilgan, lekin olingan ma'lumotlar mamlakatimiz hududi o'rgimchaklar faunasini tavsiflash uchun yetarli emas [10].

Ayrim olimlarning ta'kidlashicha, O'zbekiston hududida o'rgimchaklarning 700 ga yaqin turlari uchrashi mumkin [35]. B.Xasanovning ma'lumotlariga ko'ra O'zbekiston hududida 32 oila 118 avlod 221 ta tur o'rgimchaklar uchraydi [10].

E.Ergashev (1990) va I.Xafizov (1986) O'zbekistonning tabiiy biotsenozlarida 15 turdan ortiq zaxarli o'rgimchaklarni qayd etishadi [34,35]. Mualliflar tomonidan ilk bor O'zbekistondagi zaharli o'rgimchaklarning tarqalishi, biologiyasi, ekologiyasi, xatti-harakatlari to'g'risidagi ma'lumotlar keltirilgan, qoraqurtning bioekologik xususiyatlari o'rganiladi va laboratoriya sharoitida o'rgimchaklarni ommaviy etishtirish usuli taklif etilgan [35].

O'zbekistonning Samarqand viloyati hududida olib borgan tadqiqotlari natijalariga ko'ra G.Bronshteyn, B.Murtazaevlar tomonidan 204 ta o'rgimchak turlari namunalari yig'ilgan. Aniqlangan turlarning 142 tasi D.E.Xaritonov tomonidan tasdiqlangan va shu sababli e'lon qilingan ro'yxatda turlar soni 142 tani tashkil etadi. Ularning 78 tasi viloyat araneofaunasi uchun birinchi marta, 54 tasi O'zbekiston faunasi uchun yangi, 6 turi O'rta Osiyo va 1 ta tur sobiq Sovet Ittifoqining araneofaunasi uchun yangi tur ekanligi takidlanadi [32].

Surxandaryoning Jarqo'rg'on shaxri va uning atrofidagi cho'llar hududidan to'qqiz oilaga mansub 21 tur o'rgimchaklar: *Dictyna major* Menge, 1869, *Paracoelotes major* (Kroneberg, 1875), *Zodarion bactrianum* Kroneberg, 1875, *Zodarion martynovae* Andreeva et Tystshenko, 1968, *Zodarion continentalis* Andreeva et Tystshenko, 1968, *Tarentula cronebergi* Thorell, 1875, *Evippa* sp, *Pardosa monticola* (Clerck, 1758), *Pardosa pullata* (Clerck, 1758), *Hippasa partita* (O.Pickard-Cambridge, 1876), *Enoplognatha mandibularis* (Lucas,

1846), *Lithyphantes paykullianus* (C.L.Koch, 1839), *Zelotes jaxartensis* (Kroneberg, 1875), *Philodromus pictus* Kroneberg, 1875, *Thanatus formicinus* (Clerck, 1758), *Castianeira arnoldii* Charitonov, 1946, *Orthobula simoni* [Andreeva, 1975], *Cyrba algerina* (Lucas, 1846), *Aelurillus tartaricus* (Charitonov, 1946), *Chalcoscirtus infimus* (Simon, 1868), *Salticus tricinctus* (C.L.Koch, 1846), turlari uchraydi [1].

So'nggi yillarda olib borilgan tadqiqotlar natijalariga ko'ra O'zbekiston o'rgimchaklar faunasini haqida bir qancha yangi ma'lumotlar e'lon qilingan. Xususan: V.Logunov tomonidan olib borilgan izlanishlar natijasida Salticidae oilasi mansub *Mogrus* avlodining uchta turi (*Mogrus antoninus* Andreeva 1976, *Mogrus larisae* Logunov 1995, *Mogrus valerii* Kononenko 1981) [13], *Synageles* avlodining bitta tur *Synageles hilarulus* (C.L.Koch, 1846 [17], *Oculicosa* avlodiga mansub bo'lgan *Oculicosa supermirabilis* Zyuzin, 1993 turi [14], *Yellenus* avlodining beshta turi: *Yllenus mirabilis* (Logunov & Marusik, 2003), *Pseudomogrus nurataus* (Logunov & Marusik, 2003), *Pseudomogrus tamdybulak* (Logunov & Marusik, 2003), *Marusyllus uzbekistanicus* (Logunov & Marusik, 2003), *Pseudomogrus bucharaensis* (Logunov & Marusik, 2003) O'zbekiston faunasi uchun yangi turlar sifatida birinchi marta tariflangan [16]. Muallifning keyingi tadqiqotlarida Lycosidae oilasiga mansub *Zyuzicosa* avlodining 11 tur qayd etilgan va bu avlodning beshta turiga (*Zyuzicosa baissunica*. Logunov, 2010, *Zyuzicosa fulviventris* (Kroneberg, 1875), *Zyuzicosa gigantea* Logunov, 2010, *Zyuzicosa turlanica* Logunov, 2010, *Zyuzicosa uzbekistanica* Logunov, 2010 to'liq tavsif berilgan. Ushbu turlarning to'rttasi (*Zyuzicosa baissunica*. Logunov, 2010, *Zyuzicosa fulviventris* (Kroneberg, 1875), *Zyuzicosa gigantea* Logunov, 2010, *Zyuzicosa uzbekistanica* Logunov, 2010) O'zbekiston faunasi uchun ilk bor qayd etiladi [11,12].

N.Azarkina olib brogan tadqiqotlar natijasida O'zbekiston faunasidan *Aelurillus* avlodiga mansub ikkita fan uchun yangi tur (*Aelurillus dubatolovi* Azarkina, 2003 va *Aelurillus nenilini* Azarkina, 2002) topiladi va tavsif beriladi [2].

O'rgimchaklarning alohida turlarining bioekologiyasini o'rganishga oid bir qancha tadqiqotlar ham olib borilgan. Jumladan, L.Esyunin, V.Ponomarevlar (2018) tomonidan *Bogdocosa* avlodi tipik vakili *Bogdocosa kronebergi* (Andreeva, 1976) tarqalishi, yashash sharoitlari va morfologiyasini to'liq tavsiflab berilgan [4], Y.Marusik va K.Mikhailovlar tomonidan. Corinnidae oilasi *Castianeira* avlodiga tegishli bo'lgan *Castianeira arnoldii* Charitonov, 1946 turining voyaga yetgan vakillari va yashash mintaqalari haqida ma'lumotni O'zbekiston sharoiti uchun birichi marta o'rganiladi [19,21]. Shuningdek, Gnaphosidae oilasi *Synaphosus* avlodiga mansub *Synaphosus palearcticus* Ovtsharenko, Levy et Platnick, 1994 va *Synaphosus turanicus* Ovtsharenko, Levy et Platnick, 1994 turlarining tarqalishi va morfologik tuzilishi to'liq tasiflangan [20,27,28].

Y.M.Marusik, R.S.Özkütük va [K.B.Kuntlar](#) (1986) olib borgan tadqiqotlarida Liocranidae oilasi *Orthohula* avlodiga mansub bo'lgan *Orthobula charitonovi* (Michailov, 1986) turining populyatsiyasi, morfologik xususiyatlar, kopulyativ organlari to'liq tavsiflangan [22].

A.Fomichev va M.Marusik tomonidan O'zbekiston hududi uchun Dysderidae oilasi *Dysdera* avlodiga mansub bo'lgan uchta tur (*Dysdera aculeata* Kroneberg, 1875, *Dysdera tartarica* Kroneberg, 1875, *Dysdera zarudnyi* Charitonov, 1956) ning tarqalishi, morfologik tuzilishi haqidagi ma'lumotlar ilk bor keltiriladi [5]. B.A. Huber va H.K. El-Hennawy (2007) tomonidan Pholcidae oilasi *Nita* avlodiga kiruvchi *Nita elsaft* Huber & El-Hennawy, 2007 turiga O'zbekiston uchun birinchi marta qayd etiladi [8]).

Mavjud adabiyotlar tahlili shuni ko'rsatdiki, O'zbekiston o'rgimchaklar faunasini o'rganish bo'yicha olib borilgan tadqiqotlar fragmentar tavsifga ega, aksariat ma'lumotlar ancha eskirgan, yangi qaydlar esa, asosan, ancha oldin yig'ilgan va muzeylarda saqlanayotgan namunalar asosida keltirilgan. Bundan tashqari, o'rgimchaklar faunasining xilma-xilligini o'rganishga bag'ishlangan ishlar umumlashtirilmagan va Respublika o'rgimchaklari faunasining ro'yxati tuzilmagan. Mavjud kataloglar [23,24,25] tahlili shuni ko'rsatmoqdaki,

Respublikamiz hududida tarqalgan o'rgimchaklar xilma-xilligi 34 ta oila va 148 avlodga mansub 379 turdan iborat.

Aytish mumkinki, mavjud ma'lumotlar o'rgimchaklar faunasining zamoniy holatini tavsiflash imkonini bermaydi va yangi tadqiqotlarning o'tkazish zaruriyati mavjud.

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