SHORT COMMUNICATIONS

NEW RECORDS OF AMPHIBIANS AND REPTILES IN THE VLADIMIR REGION, RUSSIA

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New data on the distribution of 10 amphibian and 6 reptile species in the Vladimir Region is given. The list of species contains 198 new records including such rare species as Bombina bombina and Coronella austriaca.

Key words: amphibians, reptiles, Vladimir Region, Russia.

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Vladimir Region is a part of Central Federal District of Russia and located in the central part of the East European Plain. Area of the region is 29 000 km². The territory of Vladimir Region belongs to Volga River basin and situated in Volga – Oka Rivers divide in the Boreo-Nemoral zone. In past the region was covered by mixed coniferous-broad-leaved forests that now mainly replaced by secondary parvifoliate forests and agriculture landscapes (Fig. 1). Degree of forest coverage is 50.7% of area. Climate is temperate continental with warm summer, moderately cold winter and pronounced transitional seasons.

Herpetofauna is typical for the Boreal part of European Russia and characterized by low number of species and includes 11 amphibian and 7 reptile species (Bannikov et al., 1977; Gasc et al., 1997; Ananjeva et al., 1998; Kuzmin, 2013). Meanwhile this territory is still white spot on the herpetological map of Russia and detailed information on the distribution and ecology is absent (Gasc et al., 1997; Kuzmin, 2013). Special regional herpetological studies with mapping of records have never been conducted.

Recent publications on Vladimir Region herpetofauna contain only previous data on species distribution (Murgraph et al., 2002) including the list of herpetological collections stored in the Vladimir – Suzdal Museum-Reserve (Dudenkov, 2011), and some biological data of Pelobates fuscus (Krassavtzev, 1939), Lacerta agilis (Sand Lizard, 1976; Ruchin, Ryzhov, 2008) and Vipera berus (Krassavtzev, 1932; Solovyov et al., 2016).

Our field investigations were realized in Petushki, Yuryev-Polsky, Sobinka, Suzdal, Sudogda, Gus-Khrustalny, Kameshkovo, Kovrov, Vyazniki, Selianovo, Gorokhovets, Murom, Melenki Districts and Vladimir City during the period of 2007 – 2018. As result of this work we collected a new data of distri-

Fig. 1. Fallow land in Vladimir Region, Sobinka District, vicinity of Batyushkovo village, September 2015. Typical habitat of Lissotriton vulgaris, Bufo bufo, Rana arvalis, Rana temporaria, Lacerta agilis, Zootoca vivipara.
bution including 198 new records of 10 species of amphibians and 6 species of reptiles for Vladimir Region (Fig. 2–13). Moreover we listed several important records out of the borders of region. Maps with new records are given only for species with limited sporadic distribution in Vladimir Region (Fig. 14–17).

List of records

**AMPHIBIANS**

*Triturus cristatus* (Laurenti, 1768)
Sudogda District: Dyukinsky Reserve (56.0108°N 41.0591°E), 2 June 2007, 1 ad., 28 May 2010, 1 ad.

*Lissotriton vulgaris* (Linnaeus, 1758)
Vladimir City: near Chaykovsky Street (56.1272°N 40.3644°E), 20 June 2017, 9 ad. Yuryev-Polsky District: vicinity of Nebyloe village (56.3484°N 40.0269°E), 18 May 2014, 5 ad.

*Bombina bombina* (Linnaeus, 1761)
Gorokhovets District: left bank of the Klyazma River near Znamensky Monastery (56.2194°N 42.6717°E), 29 May 2009, 27 April 2014; to the north of Znamensky Monastery (56.2281°N 42.6747°E), 3 August 2009, 3 ad. Murom District: floodplain of the Oka River near Panfilovo village (55.4971°N 42.0667°E), 8 May 2010, 10 ad.; near Safonovo village, Muromsky Reserve (55.8306°N 42.3802°E), 23 May 2015; vicinity of Borovitsy village (55.8090°N 42.3525°E), 24 May 2015. Gorokhovets District: vicinity of Ivachevo village (55.9477°N 42.4974°E), 18 May 2018, 3 ad. male; vicinity of Bykaso village (55.9712°N 42.5691°E), 12 June 2018, 1 ad. male; between Ivachevo and Bykaso villages (55.9679°N 42.5491°E), 16 May 2018, 3 ad. male.

*Pelobates fuscus* (Laurenti, 1768)
Sobinka District: vicinity of Kochukovo village (56.0758°N 39.9620°E), 19 May 2013, 1 ad.; between Kochukovo and Teplino village (56.0711°N 39.9826°E), 29 September 2015, 1 juv., 3 subad.; vicinity of Teplino village (56.0656°N 39.9875°E), 28 August 2017, 1 ad. Suzdal District: Lyakhovitsy village (56.4156°N 40.6159°E), 1 September 2012, 1 ad. Kameshkovo District: Novaya Zhizn settlement (56.2989°N 40.8520°E), 1 May 2009; 19 April 2014; between Tvorovo village and Novaya Zhizn settlement (56.2811°N 40.8296°E), 20 April 2014, 1 male; Ursovo swamp, Novaya Zhizn settlement (56.3100°N 40.8848°E), 20 April 2014, 1 male. Melenki District: floodplain of the Oka River, near the abandoned village of Shorkin Bor (55.1360°N 41.7843°E), 5 July 2007, 1 ad. Gorokhovets District: Osinki village (55.9130°N 42.4251°E), 12 August 2018, 1 ad.; on road between Rozhdestveno and Ivachevo villages (55.9390°N 42.4952°E), 2 September 2018, 1 ad.; Ivachevo village (55.9438°N 42.5019°E, 55.9490°N 42.5092°E), 17 August 2018, 2 ad.; vicinity of Ivachevo village (55.9539°N 42.5157°E), 5 August 2018, 1 ad.; vicinity of Ivachevo village (55.9570°N 42.5201°E, 55.9576°N 42.5220°E), 1, 2 September 2018, 1 subad., 1 ad.; on road between Ivachevo and Bykaso villages (55.9584°N 42.5249°E, 55.9614°N 42.5310°E, 55.9726°N 42.5583°E), 7 August 2018, 3 ad.; vicinity of Bykaso village (55.9717°N 42.5645°E), 28 August 2018, 1 ad.; Chucha River shore (55.9656°N 42.5964°E), 12 August 2018, 1 ad.; on road between Bykaso and Pavlikovo villages (55.9774°N 42.5941°E), 17 August 2018, 1 ad.

*Bufo bufo* (Linnaeus, 1758)

**REPTILES**

*Ceratophorus scoticus* (Steindachner, 1877)

Fig. 2. *Bufo bufo*, female, Sobinka District, Dubrovka village, 29 September 2015
Bufotes viridis (Laurenti, 1768)

Pelophylax lessonae (Camerano, 1882)
Sobinka District: Dubrovka village (56.0667°N 40.0294°E), 29 September 2015, 1 ad. Gorokhovets District: vicinity of Kolesnikovo village (56.1399°N 42.4044°E), 25 September 2015, 1 juv.; vicinity of Bykasovo village (55.9709°N 42.5694°E), 7 August 2018, 1 subad.

Pelophylax ridibundus (Pallas, 1771)

Rana arvalis Nilsson, 1842

**Fig. 6. Rana tempoparia. Sobvinka District, Stolbishchi village, 29 September 2015**

**REPTILES**

*A. fragilis* Linnaeus, 1758

Petushki District: near Kruglets Lake (55.8332°N 39.4665°E), 2 August 2015, 1 ad. Sudogda District: vicinity of Krasny Bogatyr village (56.0020°N 41.0631°E), 2 June 2012, 1 ad.; Dyukinsky Reserve (56.0147°N 41.0607°E), 31 May 2014, 1 ad.; vicinity of Vorovskogo village (55.7328°N 41.1780°E), 12 June 2014, 1 ad.; Kameshkovo District: vicinity of Penkino village (56.1784°N 40.9144°E), 4 July 2012, 1 ad.; Vyazniki District: near abandoned village of Kruglitsy (56.3540°N 42.0078°E), 5 July 2008, 1 ad.; vicinity of Burino village (56.3481°N 42.2275°E), 4 August 2012, 1 ad.; floodplain of the Lukh River (56.2710°N 42.5040°E), 21 May 2010, 1 ad.; Selivanovo District: 3.5 km to the south-west of Tuchkovo village (55.8558°N 41.6170°E), 26 May 2017, 1 ad.; Gorokhovets District: Visha Lake shore (55.8445°N 42.3456°E), 25 May 2016 – 26 June 2016, 2 juv., 5 ad.; Bykasovo village (55.9690°N 42.5931°E), 3 July 2018, 1 subad. female; (55.9674°N 42.5917°E), 12 August 2018, 1 subad. male; vicinity of Bykasovo village (55.9725°N 42.5986°E), 19 May 2017, 1 ad. male; (55.9724°N 42.5981°E), 12 July 2017, 1 ad. female; (55.9716°N 42.5961°E), 1 August 2017, 1 ad. male; (55.9773°N 42.6265°E), 5 August 2017, 1 ad. female; (55.9780°N 42.6062°E), 5 August 2017, 1 ad. female; (55.9727°N 42.5984°E), 12 August 2017, 13 August 2017, 1 ad. female; (55.9727°N 42.6315°E), 14 August 2017, 2 ad. female; (55.9735°N 42.5983°E), 14 May 2018, 1 ad. female; (55.9664°N 42.5962°E), 23 June 2018, 1 ad. female; (55.9723°N 42.5986°E), 6 August 2018, 1 subad. male; (55.9744°N 42.5977°E), 6 August 2018, 1 ad. female; (55.9679°N 42.5988°E), 14 August 2018, 1 juv. female; (55.9685°N 42.5969°E), 14 August 2018, 1 subad. male; (55.9670°N 42.5967°E), 15 August 2018, 1 juv. male; (55.9751°N 42.5973°E), 20 August 2018, 1 ad. female; (55.9738°N 42.5963°E), 20 August 2018, 1 ad. male; (55.9687°N 42.5977°E), 21 August 2018, 1 juv. male; (55.9690°N 42.5998°E), 27 August 2018, 1 subad. male; (55.9732°N 42.5983°E), 28 August 2018, 1 juv. male; (55.9735°N 42.6013°E), 11 September 2018, 1 ad. female; on road between Bykasovo and Pavlikovo villages (55.9744°N 42.5977°E), 1 September 2017, 1 ad. male; (55.9738°N 42.5980°E), 4 September 2018, 1 ad. female; (55.9770°N 42.5985°E), 1 August 2018, 1 ad. female; (55.9769°N 42.5947°E), 19 August 2018, 20 August 2018, 1 ad. male; vicinity of Pavlikovo village (55.9944°N 42.5915°E), 14 June 2018, 1 ad. female; 2 km to the east of Pavlikovo village (55.9943°N 42.6155°E), 15 August 2018, 1 ad. male; (56.0015°N 42.6290°E), 12 May 2018, 1 ad. male; to the north-east of Bykasovo village (55.9897°N 42.6956°E), 30 June 2016 – 12 September 2016, 4 ad.; (55.9894°N 42.6435°E), 17 June 2016, 2 ad., 1 subad.; (55.9892°N 42.6616°E), 15 May 2017, 1 ad. female; (55.9889°N 42.6378°E), 19 May 2017, 1 ad. female; (55.9897°N 42.7017°E), 20 May 2017, 1 ad. female; (55.9886°N 42.7072°E), 24 May 2017, 1 ad. female; (55.9853°N 42.6281°E), 18 June 2017, 1 ad. female; (55.9891°N 42.6751°E), 30 June 2017, 2 ad. male; (55.9899°N 42.6978°E), 12 July 2017, 1 ad. female; (55.9881°N 42.6891°E), 12 July 2017, 1 ad. male; (55.9886°N 42.7084°E), 15 July 2017, 1 ad.; (55.9890°N 42.6769°E), 19 July 2017, 1 ad. male; (55.9902°N 42.6548°E), 12 September 2017, 1 ad. male; (55.9891°N 42.7128°E), 15 September 2017, 1 ad. female; (55.9886°N 42.6819°E), 23 September 2017, 1 ad. female; (55.9889°N 42.6379°E), 3 May 2018, 1 ad. male; (55.9893°N 42.6670°E), 3 May 2018, 1 ad. male; (55.9738°N 42.6016°E), 4 May 2018, 1 ad. female; (55.9886°N 42.7074°E), 8 May 2018, 1 ad. female; (55.9896°N 42.6952°E), 14 May 2018, 1 ad. male; (55.9877°N 42.6884°E), 14 May 2018, 1 ad. female; (55.9889°N 42.6373°E), 16 May
2018, 1 ad. female; (55.9878°N 42.6879°E), 17 May 2018, 1 ad. female; (55.9899°N 42.6963°E), 22 May 2018, 1 ad. male; (55.9882°N 42.6890°E), 29 May 2018, 1 ad. male; (55.9886°N 42.7092°E), 3 June 2018, 1 ad. male; (55.9893°N 42.6654°E), 16 June 2018, 1 ad. male; (55.9891°N 42.6747°E), 16 June 2018, 1 ad. male; (55.9891°N 42.6734°E), 26 August 2018, 1 ad. male; vicinity of Zimenki village (55.8749°N 42.3355°E), 1 June 2016, 1 ad.; (55.8734°N 42.3281°E), 14 June 2018, 1 ad.; vicinity of Balandino village (55.8760°N 42.3887°E), 3 July 2016, 1 ad. male, 7 May 2017, 1 ad. male; Visha River shore (55.8764°N 42.3942°E), 21 May 2018, 1 ad. female; vicinity of Rozhdestveno village (55.9240°N 42.4663°E), 9 August 2016, 1 ad., 21 August 2017, 1 subad. male; Rozhdestveno village (55.9231°N 42.4634°E), 12 August 2018, 1 ad. male; between Iva-chevo and Bykasovo villages (55.9725°N 42.5528°E), 12 August 2016, 1 ad., 12 July 2017, 1 subad.; (55.9729°N 42.5562°E), 12 June 2018, 1 subad. male; (55.9687°N 42.5441°E), 19 June 2018, 1 ad. male; (55.9679°N 42.5417°E), 19 June 2018, 1 ad. female; between Chudsksaya and Gonchary villages (56.0073°N 42.4566°E), 30 July 2018, 1 juv.; vicinity of Bereznitsy village (56.0488°N 42.5131°E), 30 July 2018, 1 ad. male; (55.0549°N 42.5090°E), 30 July 2018, 1 subad. male; vicinity of Ivachevo village (55.9555°N 42.5178°E), 12 August 2018, 1 ad. female; vicinity of Lipovka village (55.94321°N 42.6182°E), 17 August 2018, 1 ad. male; vicinity of Bolshoe village (56.0609°N 42.6863°E), 31 July 2018, 1 ad. female; Artemovo swamp (56.2403°N 42.5952°E), 28 – 29 September 2013, 1 ad., 1 juv. Pavlovsky District, Nizhny Novgorod region: 120 – 550 meters from the border of Vladimir Region (55.9908°N 42.7205°E), 19 May 2017, 1 ad. male; (55.9907°N 42.7201°E), 15 July 2017, 1 ad. female; (55.9913°N 42.7245°E), 12 July 2017, 1 ad. male; (55.9911°N 42.7238°E), 15 July 2017, 1 ad. male; (55.9913°N 42.7256°E), 13 September 2017, 1 ad. female; (55.9906°N 42.7189°E), 8 May 2018, 1 ad. male; 1100 meters from the border of Vladimir Region, 1900 meters to the west of Stepankovo village (55.9920°N 42.7335°E), 15 September 2017, 1 subad.; between the border of the Vladimir Region and Stepankovo village (55.9921°N 42.7405°E), 24 May 2018, 1 subad. male; (55.9918°N 42.7424°E), 15 July 2017, 1 ad. male; vicinity of Stepankovo village, near border of Vladimir Region (56.0078°N 42.7427°E), 1 September 2017, 1 ad. male.

Lacerta agilis Linnaeus, 1758

Suzdal District: Sodyshka village, Rpen River valley (56.1948°N 40.3907°E), 28 September 2015, 1 ad.; Filippushi village (56.1682°N 40.2983°E), 28 September 2015, 1 juv. Krovov District: Seninskie Dvoriki village (56.2105°N 41.3213°E), 26 September 2015, 2 ad. Gorokhovets District: Balandino village (55.8861°N 42.3740°E), 2011 – 2015, 1 ad. male, 1 ad. female; Muromsky Reserve (55.87°N 42.39°E – 55.96°N 42.53°E – 55.98°N 42.69°E), 2018, 350 – 550 juv.+subad.+ad. (3.2 – 5.1% var. concolor); Visha River valley (55.8702°N 42.3878°E), 7 May 2015, 1 ad. (var. concolor); (55.8749°N 42.3877°E), 7 May 2017, 1 ad. male (var. concolor); pine forest (55.8738°N 42.3862°E), 24 September 2016, 38 juv.; Visha River shore (55.8767°N 42.3933°E), 24 September 2016, 45 juv. (13% of var. concolor), 6 May 2017 1 ad. male (var. concolor), 30 April 2017, 1 juv. (var. concolor), 7 May 2017, 3 juv. (var. concolor), 23 June 2017, 1 ad. female (var. concolor); 5 May 2018, 1 juv. (var. concolor); 7 May 2018, 1 juv. (var. concolor); 9 May 2018, 1 ad. male (var. concolor); 10 May 2018, 1 ad. male (var. concolor); 10 May 2018, 1 ad. female (var. concolor); 11 May 2018, 1 juv. (var. concolor); 5 – 21 May 2018, 109 juv. (4% of var. concolor); Visha River shore (55.8916°N 42.4053°E), 12 June 2017, 1 subad. (var. concolor); on road between Bykaso and Stepankovo villages (55.9899°N 42.6971°E), 29 May 2018, 1 ad. female (var. concolor); on road between Bykaso and Stepankovo villages (55.9876°N 42.6878°E), 8 May 2018, 1 ad. male (var. concolor); Chucha River shore (55.9715°N 42.5969°E), 2 May 2018, 1 ad. female (var. concolor); Chucha River shore (55.9648°N 42.5957°E), 25 August 2018, 1 juv. (var. concolor); on road between Ivachevo and Bykaso villages (55.9669°N 42.5389°E), 17 June 2018, 1 ad. female (var. concolor); on road between Iva- cheko and Bykaso villages (55.9642°N 42.5350°E), 3 June 2018, 1 ad. female (var. concolor); on road between Bykaso and Stepankovo villa-
Fig. 8. *Lacerta agilis*, juveniles (second from right – var. *concolor*), vicinity of Balandino village, 30 April 2017

Fig. 9. *Lacerta agilis*, two males (var. *concolor* and var. *maculata*) combat, vicinity of Balandino village, 6 May 2017

Zootoca vivipara (Lichtenstein, 1823)

Gorokhovets District: Balandino village (55.8861°N 42.3740°E), 19 July 2015, 1 ad. (completely melanistic), 2 May 2017, 1 juv. (completely melanistic); Visha River valley (55.8768°N 42.3939°E), 7 May 2017, 1 ad. male (var. *concolor*), 3 ad., 1 juv.; Visha River valley (55.8643°N 42.3811°E), 26 April 2017, 5 ad.

Coronella austriaca Laurenti, 1768

Sudogda District: Dyukinsky Reserve (56.0113°N 41.0580°E), 30 May 2010, 1 ad. Gorokhovets District: Bykasovo village, agricultural field (55.9713°N 42.5934°E), 23 September 2017, 1 juv. male; on road between Ivachevo and Bykasovo villages (55.9687°N 42.5441°E), 20 September 2017, 1 ad. female (55.9684°N 42.5434°E), 15 August 2018, 1 juv. female; (55.9709°N 42.5691°E), 3 June 2018, 1 juv.; 2200 meters to the north-east of Pavlikovo village, vicinity of Krushinnoe Swamp (55.9990°N 42.6165°E), 1 June 2017, 1 ad. female; on road between Bykasovo and Pavlikovo villages, Chucha River shore (55.9775°N 42.5955°E), 14 August 2017, 21 August 2017, (55.9734°N 42.5982°E) 12 September 2017, 1 ad. male; (55.9777°N 42.5953°E), 8 May 2018, (55.9768°N 42.5949°E), 8 September 2018, 1 ad. female; (55.9776°N 42.5959°E), 19 August 2017, 1 subad. female; (55.9804°N 42.5926°E), 25 August 2018, 1 ad. male; (55.9785°N 42.5929°E), 1 September 2018, 1 subad. male; (55.9791°N 42.5929°E), 5 September 2018, 1 juv. female.; Pavlikovo village (55.9922°N 42.5833°E), 17 July 2018, 1 ad.; Pavlikovo village, the old riverbed of the Chucha River (55.9889°N 42.5815°E, 55.9903°N 42.5750°E), May 2018; vicinity of Pavlikovo village (55.9817°N 42.5923°E), 15 July 2018, 1 juv. female; vicinity of Pavlikovo village (55.9944°N 42.5915°E), 13 July 2018, 14 July 2018, 16 July 2018, 1 ad. female, 31 July 2018, 1 ad., 30 August 2018, 1 subad. male, May 2018; vicinity of Bykasovo village, pine forest (55.9755°N 42.6016°E), 25 May 2017, 1 subad. male; (55.9738°N 42.5997°E), 26 August 2018, 1 subad. male; vicinity of Bykasovo village (55.9715°N 42.6002°E), 7 September 2018, 1 juv. female; (55.9702°N 42.6005°E), 9 September 2018, 1 ad. female; (55.9678°N 42.5986°E), 14 September 2018, 1 juv. male; (55.9681°N 42.5992°E), 14 September 2018, 1 juv. female; (55.9709°N 42.6011°E), 14 Sep—
September 2017, 1 ad. male; (55.9729°N 42.6016°E), 15 September 2017, 1 subad. female; (55.9712°N 42.5955°E), 16 September 2017, 1 ad. female; (55.9769°N 42.6192°E), 18 June 2017, 1 juv. female; (55.9758°N 42.6211°E), 1 August 2017, 1 ad. female; 4 August 2017, 14 August 2017, 17 August 2017, 22 August 2017, 1 – 2 September 2017, 1 ad. female, 4 August 2017, 6 August 2017, 10 August 2017, 12 – 13 August 2017, 20 – 21 August 2017, 1 August 2018, 5 August 2018, 12 August 2018, 1 ad. female, 18 September 2017, 1 juv. male; (55.9786°N 42.6221°E), 3 June 2018; 1 subad.; (55.9736°N 42.5979°E), 15 September 2017, 1 ad. male; (55.9746°N 42.6068°E), 29 June 2018, 1 subad. female; to the north-east of Bykaso village, to the north of the Svyato Lake and Yug River (55.9939°N 42.6881°E), 5 August 2016, 1 ad.; (55.9890°N 42.6790°E), 5 August 2016, 1 subad. female; (55.9885°N 42.6818°E), 24 May 2017, 1 ad. male, 3 May 2018, 1 ad. male; (55.9878°N 42.6881°E), 20 June 2017, 1 subad. female, 29 August 2018, 1 ad.; (55.9882°N 42.6892°E), 14 May 2018, 1 ad. male, 17 May 2018, 1 ad. male; pine forest (55.9892°N 42.6616°E), 15 June 2017, 26 June 2017, 18 June 2018, 1 ad. male, 18 June 2017, 1 ad. female, 26 June 2017, 1 ad. male, 27 June 2017, 2 August 2017, 8 August 2017, 10 August 2017, 12 August 2017, 3 June 2018, 16 June 2018, 29 June 2018, 12 June 2018, 12 August 2018, 1 ad. female, 8 May 2018, 12 May 2018, 4 June 2018, 1 ad. male, 29 May 2018, 1 ad. female, 4 June 2018, 12 June 2018, 26 June 2018, 5 August 2018, 14 August 2018, 1 ad. female, 26, 28 August 2018, 1 juv. male; 28 August 2018, 1 juv. female; (55.9892°N 42.6616°E), 12 September 2017, (55.9895°N 42.6586°E), 17 May 2018, 1 ad. female; (55.9899°N 42.6987°E), 19 June 2017, 1 subad. female; (55.9896°N 42.6462°E), 26 June 2017, 1 subad. female; (55.9885°N 42.6824°E), 27 June 2017, 1 ad. male; (55.9897°N 42.6461°E), 28 July 2017, 1 subad. male; (55.9890°N 42.67143°E), 8 August 2017, 1 ad. male; (55.9892°N 42.6749°E), 15 September 2017, 1 juv. male; (55.9899°N 42.6808°E), 18 September 2017, 1 juv. male; (55.9888°N 42.6812°E), 23 May 2018, 1 ad. male; (55.9888°N 42.6809°E), 3 June 2018, 4 June 2018, 1 ad. male; vicinity of Bolshe village (56.0513°N 42.6628°E), 12 May 2018, 1 ad. female; Chucha River shore near the road between Bykaso and Lipovka villages (55.9649°N 42.5958°E), 19 June 2018, 7 August 2018, 19 August 2018, 1 ad. male, 7 August 2018, 1 ad. female, July 2017; (55.9635°N 42.5970°E), 2 August 2018, 1 ad. female, 19 August 2018, 1 ad. male; vicinity of Velikoe Lake (56.3005°N 42.6572°E), 31 July 2009, 1 ad. Pavlovsky District, Nizhny Novgorod region: 1500 meters from the border of Vladimir Region, to the west of Stepankovo village (55.9922°N 42.7398°E), 8 August 2017, 1 ad. female; 750 meters from the border of Vladimir Region, 2200 meters to the west of Stepankovo village (55.9913°N 42.7283°E), 16 May 2018, 1 ad. female; between the border of Vladimir Region and Stepankovo village (55.9918°N 42.7425°E), 17 May 2018, 1 subad. female; 5900 meters from the border of Vladimir Region, Babasovo village (55.9935°N 42.8120°E – 55.9949°N 42.8120°E), 25 August 2015, 1 ad. female, 29 July 2016, 1 juv. female, 19 August 2016, 1 ad., 20 August 2016, 1 subad. female; Stepankovo village (55.9939°N 42.7749°E), 31 August 2017, 2 juv.; Stepankovo village (55.9920°N 42.7663°E), 16 May 2018, 1 juv. female; Stepankovo village (55.9930°N 42.7693°E), 12 June 2018, 1 ad. male. Yuzhsky District, Ivanovo region: 800 meters from the border of Vladimir Region, to the north-west of Mokhovatoe Lake (56.4483°N 42.2916°E), 11 July 2009, 1 ad.

**Natrix natrix** (Linnaeus, 1758)

Fig. 12. Natrix natrix, aggregation for basking, Visha Lake, 2 June 2011

Viper a berus (Linnaeus, 1758)

Fig. 13. *Vipera berus*, immature, vicinity of Aleshunino village, 25 September 2016

Fig. 14. Map of new records of newts in the Vladimir Region. *Lissotriton vulgaris*: 1, 2; *Triturus cristatus*: 3; 1 – vicinity of Nebyloe village; 2 – Vladimir City; 3 – Dyukinsky Reserve

Fig. 15. Map of new records of rare frog species in the Vladimir Region. *Bombina bombina*: 9, 10, 12; *Pelobates fuscus*: 1, 3–5; *Bufotes viridis*: 2, 4, 6, 8, 10; 1 – near Teplino village; 2 – Vladimir City; 3 – Lyakhovitsy village; 4, 5 – near Novaya Zhizn settlement; 6 – Gorodskoe reservoir in Gus-Khrustalny; 7 – near the abandoned village of Shorkin Bor; 8 – near Turgenevo village; 9 – near Panfilovo village; 10 – vicinity of Borovity and Safonovo villages; 11 – Osinki village; 12 – vicinity of Ivachevo and Bykasovo villages; 13 – Klyazma River near Znamensky Monastery
NEW RECORDS OF AMPHIBIANS AND REPTILES IN THE VLADIMIR REGION, RUSSIA

Fig. 16. Map of new records of lizards in the Vladimir Region. Anguis fragilis: 1 – 9, 11 – 15; Lacerta agilis var. concolor: 10, 11, 13, 14; 1 – near Kruglets Lake; 2 – vicinity of Penkino village; 3 – vicinity of Krasny Bogatyr village; 4 – vicinity of Vorovskogo village; 5 – to the south-west of Tuchkovo village; 6 – near abandoned village of Kruglitsy; 7 – vicinity of Burino village; 8 – floodplain of the Lukh River; 9 – Artemovo swamp; 10 – to the east of Borisogleb village; 11 – vicinity of Balandino village; 12 – vicinity of Rozhdestveno village; 13, 14 – vicinity of Bykaso village; 15 – Pavlovsky District, Nizhny Novgorod Region: 200 – 1600 meters from the border of Vladimir Region, vicinity of Stepankovo village

Fig. 17. Map of new records of Coronella austriaca in the Vladimir Region. 1 – Dyukinsky Reserve; 2 – Yuzhsky District, Ivanovo Region: 800 meters from the border of Vladimir Region, to the north-west of Mokhovatoe Lake; 3 – vicinity of Velkoe Lake; 4 – to the south of Bolshoe village; 5, 6 – vicinity of Bykaso and Pavlikovo villages; 7 – Pavlovsky District, Nizhny Novgorod Region, 750 – 5900 meters from the border of Vladimir Region, vicinity of Stepankovo and Babasovo villages

Rare patternless aberration (var. concolor) in juvenile and mature individuals of Lacerta agilis was registered in the Murom and Gorokhovets Districts. According our observations the melanistic indivi-

duals are predominated in the populations of Vipera berus. Same data were published early for Vladimir Region (Solovyov et al., 2016). Melanistic specimens of Zootoca vivipara we also registered in the Gor-
kokhovets District. A large population of rarest reptile species Coronella austriaca discovered in the Mu-
romsky Reserve, Gorokhovets District.

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НОВЫЕ НАХОДКИ АМФИБИЙ И РЕПТИЛИЙ НА ТЕРРИТОРИИ ВЛАДИМИРСКОЙ ОБЛАСТИ, РОССИЯ

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Приводятся новые данные по распространению 10 видов земноводных и 6 видов пресмыкающихся во Владимирской области. Список содержит 198 новых находок, включая такие редкие виды, как Bombina bombina и Coronella austriaca.

Ключевые слова: амфибии, рептилии, Владимирская область, Россия.

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