

SERVICE REPORT 2

SERVICE INSPECTION TABLE DATE: SECOND SERVICE PERFORMED ON 15.04.2014

ROOM NAME	NO. OF THE MONITORING STATION / TOTAL NO. OF INSECTS CAUGHT (M – MUSEUM BEETLE, S – SILVERFISH, C – BROWN CARPET BEETLE)								
	1	2	3	4	5	6	7	8	9
1. Storeroom 213 2 nd floor	S 2 M 1	M 1	M 1		M 5	M 3	M 1		M 1
2. Storeroom 209 2 nd floor	M 1	M 4	M 3						
3. Musical Collection Storeroom ground floor	M 1 S 3	S 7	S 3						
4. Storeroom 28 Music Studio ground floor	S 8	S 12	S 20	S 23 C 1	S 19				
5. Storeroom 111 Silesian-Lusatian Collections 1 st floor	M 1	M 3	M 1 C 1		C 4	M 6	S 1		
6. Storeroom 106 Library Collections 1 st floor	NO STATION	M 2	C 4 S 6 M 2						
7. Storeroom 120 Manuscripts Division 1 st floor			M 1						
8. Storeroom 122 A Manuscripts Division 1 st floor									
9. Storeroom 122 Manuscripts Division 1 st floor	M 2 S 3								
10. Kitchen of the Reprographic Studio ground floor	S 1								

11. Conservation Studio	39a	39b S 28							
12. Cellars	40 S 3	41 S 8							
13. Cellars	42 S 10	43 S 7	44 S 2	45	46	47a	47b		
14. Cartographic Studio ground floor	48	49	50 M 4	51	52	53			



stations where the presence of insects was confirmed

stations with no traces of the insect presence

1.

In storeroom 213 (on the 2nd floor), the presence of museum beetle (*Anthrenus museorum*) larvae was confirmed at 7 out of 9 stations. In total, the presence of 13 museum beetle larvae was confirmed. In station 1, presence of silverfish was confirmed – 2 insects caught in the trap.

Photo 1. Museum beetle (larva)



2.

In storeroom 209 (on the 2nd floor), the presence of total 8 museum beetle larvae was confirmed at 3 out of 5 traps.

3.

In the musical collections rooms, at 1 monitoring station, the presence of the museum beetle was confirmed, the silverfish presence was confirmed at all stations, in the total amount of 13.

4.

In storeroom 28 (on the ground floor), high presence (83 insects) of silverfish (*Lepisma saccharina*) was confirmed at all stations (insects at different stages of development were noted – including adult insects and the smallest young nymphs). At one station, a brown carpet beetle (*Attagenus smirnovi*) larva was found.

Photo 2. Adult silverfish and smaller nymphs (*Lepisma saccharina*)



Photo 3. Undyed young nymphs of the silverfish (*Lepisma saccharina*)



Photo 4. Adult silverfish insects (*Lepisma saccharina*)



5. **In storeroom 111 (on the 1st floor)**, high presence of the museum beetle (11 insects in 4 traps) and the brown carpet beetle (5 insects in 2 traps) was confirmed. The presence of one silverfish caught in one trap was confirmed.

Photo 5. Brown carpet beetle (*Attagenus smirnovi*) larva:



6.

In the Conservation Studio (on the ground floor), high presence of silverfish was confirmed at station 39b – 28 insects at various development stages (conservation room from the courtyard).

7.

In storeroom 106 (on the 1st floor), the presence of museum beetle was confirmed at 2 stations, 4 insects in total. In addition, 6 silverfish and 4 brown carpet beetles were found.

8.

In storeroom 120 (on the 1st floor), the presence of 1 museum beetle larva, caught at the station, was confirmed.

9.

In storeroom 122 (on the 1st floor), the presence of 2 museum beetles and 3 silverfish in one trap set there was confirmed.

10.

In cellars, high presence of silverfish was observed. The presence of 30 caught insects in total was confirmed at 5 stations.

11.

In the Cartographic Studio (on the ground floor), the presence of 4 museum beetles was confirmed at 1 station. No presence was confirmed in the remaining 5 traps.

12.

In the kitchen of the Reprographic Studio, one silverfish was detected in the monitoring station.

Summary:

The presence of silverfish (**in total, 166 insects caught in 19 traps**) and museum beetle (**in total, 44 insects caught in 20 traps**) was confirmed in more than ten library rooms. In addition, **10 brown carpet beetle larvae were caught in 4 monitoring stations**.

1. The monitoring confirmed the silverfish presence in most of the library rooms (in different numbers)
2. In storeroom 28 of the music studio and the musical collections storeroom, the monitoring traps detected larger silverfish activity in comparison with the previous service.
3. The traps detected museum beetle larvae presence larger in comparison with the previous service.
4. In addition, the traps indicated museum beetle larvae in rooms where insect presence had not been recorded earlier.
5. The monitoring system also detected another vermin insect dangerous for museum and library collections, i.e. the brown carpet beetle (at the larva stage).