**Ecosystem card: School Park**

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| Weather conditions during the survey  (eg . the pressure, cloudiness, humidity, temperture) | Sunny: 30°C  lack of cloud cover  Atmospheric Pressure: 1015hPa  lack of rainfall |
| Characteristics of biotope  (eg . water relations, soil profile, soil type) | Pond: ph = 7.7  PO4 = 0.41 mg / l  Brook Wirenka: ph = 8.2  PO4 = 0.25  Water fertile - eutrophic  Closed tank favors the meeting of the organic compounds that water flows more easily cleans and varies with the test chemical composition. |
| Characteristics biocenosis  (eg . plants, animals, fungi, endangered organisms; use of the Latin language and images / diagrams) | Attachment 1 |
| Characteristics of dependence | The description in the following table |
| Conclusions | The description in the following table |

**Ecosystem card: Wielkopolski National Park**

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| Weather conditions during the survey  (eg . the pressure, cloudiness, humidity, temperture) | Temperature 10°C (morning) - 13oC  partly cloudy  Gentle wind  Atmospheric Pressure: 1027 hPa  lack of rainfall |
| Characteristics of biotope  (eg . water relations, soil profile, soil type) | Soil pH = 6  Lake Jarosławieckie:  The content of PO4 = 00  NH4 content = 00  NO3 content = 00 |
| Characteristics biocenosis  (eg . plants, animals, fungi, endangered organisms; use of the Latin language and images / diagrams) | Attachment 1 |
| Characteristics of dependence | 1. We saw traces depending on food (leftovers *Anguis gragilis*) - predation. We observed traces of beavers' activity, as well as herbivores. These relations will be classified according to food (predation and herbivory). 2. We gave examples of food chains and relationships occurring in the forest. 3. We talked and watched the competition of plants in access to water and light (young tree vs. mature). We noted the relationship between plants in different floors of the forest. 4. We discussed the changes in the forest ecosystem, depending on the time of year (the study took an interesting time: late summer and early autumn). 5. We saw migrations of animals: deer tracks and trails so. Indian summer - the movement of young spiders on their spider threads in order to populate a new area, as well as hiking migratory birds flying from the Polish winter. 6. We talked and watched symbiosis - positive coexistence of fungi and trees called mycorrhiza. 7. We talked and watched the competition between different species of animals in access to food or water. 8. We discussed the role of intraspecific competition in maintaining the health of the population. 9. We talked and watched the example of parasitism hubs and trees, mistletoe and trees, as well as ticks. 10. We discussed the role of dead wood in the forest: water relations, place of growth and insect life, a breeding ground zero and birds, place the development of fungi and plants, fertilization of the soil. 11. On the occasion of observation of the seed and the tree *Fagus sylvatica* we discussed the importance of nature for years *Fagus* seed and changes in the ecosystem due to release the seeds for this species of tree. |
| Conclusions | 1. A forest is a complex ecosystem in which there are numerous depending on nature. Both those classified as friendly and unfriendly. 2. The diversity of organisms of the National Park is high. 3. Abiotic environment of the National Park has little traces of impurities (the study of the waters of Lake Jarosławieckie). 4. The organisms feeding on dead organic matter fulfill a very important role in ecosystems. 5. The role of dead wood in the forest is very important to preserve natural diversity, and determines the quality abiotic environment. 6. Environment Park school environment is anthropogenic, even though it has a large variety of species of plants and animals (many amphibians, birds, and mammals: foxes, roe deer, wild boar). 7. The water in the tanks is TVE traces of human existence, it is phosphorous and ammonia. 8. we met various test methods of the natural environment: the study of water and soil, to record the voices of birds, GPS, photos taken by special equipment at night and others. |

**Attachment 1 – Ecosystem card**

**Plants, mushrooms and animals**

**Rośliny i grzyby naszej okolicy**

**Plants and mushrooms in our area**

**Szkolny Park & Wielkopolski Park Narodowy**

**School Park & Wielkopolski National Park**

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| **Nazwa gatunkowa**  **Wiąz Pospolity**  **-**  ***Ulmus minor*** | [http://tse1.mm.bing.net/th?&id=OIP.Mec3501c60043622a23f871f91580f835o0&w=225&h=300&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=wi%c4%85z&view=detailv2&&id=01C1BABE99BF5A1E198D3BFFAB7D57AA0F611FA7&selectedIndex=3&ccid=7DUBxgBD&simid=608031911301679016&thid=OIP.Mec3501c60043622a23f871f91580f835o0) |
| **Lipa Drobnolistna**  **-**  ***Tilia cordafa*** | [http://tse1.mm.bing.net/th?&id=OIP.Mff0e66de85f0171df8dc223ebf30861co0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=lipa+drobnolistna&view=detailv2&&id=2899CBEFA0C2DCC33010B25EAF86D18AE3A08394&selectedIndex=5&ccid=/w5m3oXw&simid=608052836374547097&thid=OIP.Mff0e66de85f0171df8dc223ebf30861co0) |
| **Modrzew Europejski**  **-**  ***Larix decidua*** | [http://tse1.mm.bing.net/th?&id=OIP.M9b0aeef7a251c9a9ce143c8a63ef20feo0&w=290&h=300&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=modrzew+europejski&view=detailv2&&id=D40882E90EC9B82D4F95F06748CFC9AFDAC16F46&selectedIndex=11&ccid=mwru96JR&simid=607994416243410809&thid=OIP.M9b0aeef7a251c9a9ce143c8a63ef20feo0) |
| **Jodła Pospolita**  **-**  ***Abies alba*** | [Obraz znaleziony dla: jodła pospolita](http://www.bing.com/images/search?q=jod%c5%82a+pospolita&id=C71EAE3F306DE4C151CD5F10134179C107DF9F88&FORM=IQFRBA) |
| **Świerk Pospolity**  **-**  ***Picea abies*** | [Obraz znaleziony dla: świerk pospolity](http://www.bing.com/images/search?q=%c5%9bwierk+pospolity&id=43E9236765A0E4421768A330B7FACC737B284FD6&FORM=IQFRBA) |
| **Pokrzywa Zwyczajna**  **-**  ***Ultrica dioica*** | [http://tse1.mm.bing.net/th?&id=OIP.M264ec9942e81c1623b91e281ada372b7o0&w=299&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=pokrzywa&view=detailv2&&id=ACBE4BB0694E0CC8BA8AEB072FEFE2ECA1720169&selectedIndex=1&ccid=Jk7JlC6B&simid=608006759975945674&thid=OIP.M264ec9942e81c1623b91e281ada372b7o0) |
| **Jasnota Biała**  **-**  ***Lamium album*** | Obraz znaleziony dla: jasnota biała |
| **Jałowiec**  **Pospolity**  **-**  ***Juniperus***  ***communis*** | http://cdn3.ogrod.smcloud.net/t/user_photos/thumbnails/50852_a255522f39881137_1024x768_crop_rozmiar-niestandardowy.jpg |

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| **Mech płonnik**  **-**  ***Polyfrichum Hedw.*** | [http://tse1.mm.bing.net/th?&id=OIP.M7e3c63ff6e2a553e5a34497c0cc2a80cH0&w=300&h=200&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=mech+p%c5%82onnik&view=detailv2&&id=5D9E910AC0CC8AC988FD02C794AB035B97DCFB5B&selectedIndex=40&ccid=fjxj/24q&simid=608030107422360550&thid=OIP.M7e3c63ff6e2a553e5a34497c0cc2a80cH0) |
| **Rzęsa Wodna**  **-**  ***Lemma***  ***Minor*** | Obraz znaleziony dla: rzęsa wodna |
| **Platan Klonolistny**  **-**  ***Platanus***  ***acerifolia*** | [http://tse1.mm.bing.net/th?&id=OIP.Md1c80f3d03a9dacd7f073bd9821ad1f2o0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=platan+klonolistny&view=detailv2&&id=9938EB18DEA3F16E4EE7E03B2958CB46875E60AD&selectedIndex=3&ccid=0cgPPQOp&simid=607996606672537811&thid=OIP.Md1c80f3d03a9dacd7f073bd9821ad1f2o0) |
| **Dąb Szypułkowy**  **-**  ***Qertus robur*** | [http://tse1.mm.bing.net/th?&id=OIP.M92a463fe3c8f04699dc97fb58de526ado0&w=225&h=300&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=d%c4%85b+szypu%c5%82kowy&view=detailv2&&id=035D3A175F9927925A5CB79E534FEF0A7A802387&selectedIndex=1&ccid=kqRj/jyP&simid=608033586336565549&thid=OIP.M92a463fe3c8f04699dc97fb58de526ado0) |
| **Dąb Bezszypułkowy**  **-**  ***Quercus patreaa*** | [Obraz znaleziony dla: dąb bezszypułkowy](http://www.bing.com/images/search?q=d%c4%85b+bezszypu%c5%82kowy&view=detailv2&&id=98924F0BC10392952260E2ADC6CEE7E97AC4BA56&selectedIndex=9&ccid=Fecg9Lfo&simid=608034741683094199&thid=OIP.M15e720f4b7e8297abd2fb719d5fa31f4o0) |
| **Grochodrzew**  **Zwyczajny**  **-**  ***Robinia pseudo Akacja*** | [http://tse1.mm.bing.net/th?&id=OIP.Md821ac92ba7c80d6115761c23de1ded1o0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=grochodrzew&view=detailv2&&id=C2E11C4A21FB493091AC60461201FDA72BEF006E&selectedIndex=1&ccid=2CGskrp8&simid=608003319714482105&thid=OIP.Md821ac92ba7c80d6115761c23de1ded1o0) |
| **Buk Zwyczajny**  **-**  ***Fagus sylvatica*** | [http://tse1.mm.bing.net/th?&id=OIP.M6e064a8f9c9831f319c3aa4b79df1cdbo0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=buk+zwyczajny&view=detailv2&&id=614D7B6D4BA90BE6F8ED30E5498A4158D1D0447F&selectedIndex=4&ccid=bgZKj5yY&simid=608021560435149658&thid=OIP.M6e064a8f9c9831f319c3aa4b79df1cdbo0) |

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| Jesion  Wynosły  -  *Fraxinus excelsior* | [Obraz znaleziony dla: jesion wyniosły](http://www.bing.com/images/search?q=jesion+wynios%c5%82y&id=A87AB187302A0FE2B04762191DABEBC02C1DC796&FORM=IQFRBA) |

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| **Klon Zwyczajny**  **-**  ***Acer platanoides*** | Obraz znaleziony dla: klon zwyczajny |
| **Paproć**  **zwyczajna**  **-**  ***Polypodium***  ***vulgare*** | Obraz znaleziony dla: paprocie |
| **Babka lancetowata**  **-**  ***Plantago***  ***lanceolata*** | [http://tse1.mm.bing.net/th?&id=OIP.M119a312f104390c6c87c77309e4e3875o0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=babka+lancetowana&view=detailv2&&id=65C8F180E3D23D961B835C95976C19C2ACF3EAF4&selectedIndex=2&ccid=EZoxLxBD&simid=608041081062490897&thid=OIP.M119a312f104390c6c87c77309e4e3875o0) |
| **Mniszek lekarski**  **-**  ***Taraxacum officinale*** | Obraz znaleziony dla: mniszek lekarski |

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| **Grążel**  **-**  ***Nuphar lufea*** | Obraz znaleziony dla: grąel |
| **Pałka szerokolistna**  **-**  ***Typcha***  ***latifolia*** | [https://upload.wikimedia.org/wikipedia/commons/thumb/d/d8/20101108_0398.jpg/220px-20101108_0398.jpg](https://pl.wikipedia.org/wiki/Plik:20101108_0398.jpg) |

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| **Czeremcha**  **amerykańska**  **-**  ***Prunus***  ***serotina*** | [http://tse1.mm.bing.net/th?&id=OIP.M98a0bca67fba1958923caf27655385ebo0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=czeremcha&view=detailv2&&id=267BD99EA91E8C8F930687A3E42F54038DF843A4&selectedIndex=2&ccid=mKC8pn+6&simid=608025202568071214&thid=OIP.M98a0bca67fba1958923caf27655385ebo0) |
| **Borowik**  **szlachetny**  **-**  ***Boletus***  ***edulis*** | [http://tse1.mm.bing.net/th?&id=OIP.M163d090b76490497ec17180b0cd0410do0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=borowik&view=detailv2&&id=7CD0CB7292641A5A3A47794A4BCEA77BB740DB78&selectedIndex=28&ccid=Fj0JC3ZJ&simid=607989416905868358&thid=OIP.M163d090b76490497ec17180b0cd0410do0) |
| **Hubiak**  **pospolity**  **-**  ***Fomes***  ***fomentarius*** | [http://tse1.mm.bing.net/th?&id=OIP.Mc7fc366d9f46de4f30d3ceaa26c17fb5o0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=hubiak+pospolity&view=detailv2&&id=A228CD2BDBACB3BC1AC25A22870CFDF619EDFFE0&selectedIndex=2&ccid=x/w2bZ9G&simid=608031593486289646&thid=OIP.Mc7fc366d9f46de4f30d3ceaa26c17fb5o0) |
| **Muchomor**  **Czerwony**  **-**  ***Amanita***  ***muscaria*** | [http://tse1.mm.bing.net/th?&id=OIP.M95bee5da4a28d70ef4c924dfc2af2d61H0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=muchomor&view=detailv2&&id=CD9CA808787C5DC2CDB7CF6BF55DF0E6861C3D4F&selectedIndex=2&ccid=lb7l2koo&simid=608051754057598032&thid=OIP.M95bee5da4a28d70ef4c924dfc2af2d61H0) |
| **Pieprznik**  **Jadalny**  **-**  ***Cantherelus***  ***cibarius*** | [http://tse1.mm.bing.net/th?&id=OIP.Mbd2668ef39999f933c67dbfdbb389b91o0&w=300&h=233&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=kurka&view=detailv2&&id=BF900114473B737F19E8B77498CF30D15E646761&selectedIndex=3&ccid=vSZo7zmZ&simid=608031722337077461&thid=OIP.Mbd2668ef39999f933c67dbfdbb389b91o0) |
| **Podgrzybek**  **Brunatny**  **-**  ***Boletus***  ***badius*** | [http://tse1.mm.bing.net/th?&id=OIP.M36273e903bcc63381138554a3535dc82o0&w=299&h=205&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=podrzybek&view=detailv2&&id=2A5BDEDDA69A08BCA5F33CC7EAB85A779C797CEA&selectedIndex=8&ccid=Nic+kDvM&simid=608005544516911621&thid=OIP.M36273e903bcc63381138554a3535dc82o0) |
|  |  |
| **Sosna**  **Zwyczajna**  **-**  ***Pinus***  ***sylvestris*** | [http://tse1.mm.bing.net/th?&id=OIP.Mcff73bd30e4ca455f66cd3e0fba70ca5o0&w=300&h=225&c=0&pid=1.9&rs=0&p=0&r=0](http://www.bing.com/images/search?q=sosna&view=detailv2&&id=2A5DCF124A7EEBA9C302CECB82E5B1A5650C8DF4&selectedIndex=1&ccid=z/c70w5M&simid=608035931398209790&thid=OIP.Mcff73bd30e4ca455f66cd3e0fba70ca5o0) |

**By Kacper, Szymon, Eliasz**

**Zwierzęta naszej okolicy**

**Animals of our area**

**Szkolny Park & Wielkopolski Park Narodowy**

**School Park & Wielkopolski National Park**

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| Wiewiórka ruda  *Sciurus vulgaris* | [Znalezione obrazy dla zapytania wiewiórka](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiUvN7OrKDPAhUIwxQKHc20BcQQjRwIBw&url=http://www.ekologia.pl/srodowisko/przyroda/wiewiorka-pospolita-ruda-juz-nie-taka-pospolita,19952.html&psig=AFQjCNEkAj3l-erqHGku9pgMBGUAKaLClQ&ust=1474543446853427) |
| Dzik euroazjatycki  *Sus scrofa* | [Znalezione obrazy dla zapytania Dzik euroazjatycki](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwi68PDtraDPAhVMvRQKHX2XAiAQjRwIBw&url=http://sforawalecznych.blogspot.com/p/istoty.html&bvm=bv.133387755,d.d24&psig=AFQjCNH2rbzLvArcyjlcmCZXir4eadTVIw&ust=1474543722061467) |
| Myszołów  *Buteo buteo* | [Znalezione obrazy dla zapytania Myszołów](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwj0m_OurqDPAhXFOBQKHUHsDH4QjRwIBw&url=http://piotrbednarek.eu/2013/01/14/nalot-myszolowow/&bvm=bv.133387755,d.d24&psig=AFQjCNGzlRBKQdx6CEsVWaZlNFgUVAzMLw&ust=1474543918737701) |
| Kaczka krzyżówka  *Anas platyrhynchos* | [Znalezione obrazy dla zapytania kaczka krzyżówka](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiCnpX5sKDPAhUEVRQKHS9iD24QjRwIBw&url=http://www.huntertools.pl/ptaki/dzikie-kaczki/krzyzowka/&psig=AFQjCNFK7fHyliTF_tfKVi2GmdRFcLdQJQ&ust=1474544615891371) |
| Fruczek gołąbek Macroglossum stellatarum | [Znalezione obrazy dla zapytania Fruczek gołąbek](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiUsdTOsaDPAhUBuBQKHd5nDAwQjRwIBw&url=http://kochamswojswiat.blogspot.com/2013_08_01_archive.html&bvm=bv.133387755,d.d24&psig=AFQjCNE-5kKmqPWOWwBnLk7RAltWyFPkfQ&ust=1474544793783316) |
| Biegacz gładki  Carabus glabratus | [Znalezione obrazy dla zapytania Biegacz gładki](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjktOvmsaDPAhVFWRQKHRLZCD8QjRwIBw&url=http://damgala.flog.pl/wpis/2530124/poprzednie&bvm=bv.133387755,d.d24&psig=AFQjCNG4I1Aw5dn4VET8NdgSsyrzCyyh9A&ust=1474544855282068) |
| Trzpiennik olbrzym  Urocerus gigas | [Znalezione obrazy dla zapytania Trzpiennik olbrzym](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiL3sOasqDPAhWDOBQKHZORDxAQjRwIBw&url=http://www.f-p2.nazwa.pl/poczekalnia.php?typ=za&autor=292&zdjecie=9315&bvm=bv.133387755,d.d24&psig=AFQjCNEauydZIyW_rXqLhs0dS9u1RHMq4w&ust=1474544961528397) |
| Sarna leśna | [Znalezione obrazy dla zapytania Sarna leśna](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjiwqzFsqDPAhXEbRQKHdmnCeIQjRwIBw&url=http://www.swiatobrazu.pl/fotografie/galeria/zdjecie/uzytkownika/yu6tggmqkpg2y37qfwxpl4q8fg7rfpy29ung10vbg343v1k1q5h20y054wmaeb3e&bvm=bv.133387755,d.d24&psig=AFQjCNHuzuRUuMOyq9wlxXYFR3XHtRlLjg&ust=1474545046413392) |
| Kowal bezskrzydły  Pyrrhocoris apterus | [Znalezione obrazy dla zapytania Kowal bezskrzydły](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiCqr6Vs6DPAhUCbxQKHTVLBvwQjRwIBw&url=http://www.stopa.cso.pl/index.php?st=galeria/owady/pluskwiaki&ps=0&nr=022713&bvm=bv.133387755,d.d24&psig=AFQjCNFAVE2MK0rIIDu_A2m9GG3wO-jayA&ust=1474545222457088) |
| Ropucha zielona  Bufo riridis | [Znalezione obrazy dla zapytania ropucha zielona](https://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjhtrvFvKDPAhVGUhQKHS0SAagQjRwIBw&url=https://sites.google.com/site/krajobrazymazowsza/home/narwianski-park-narodowy/fauna/ropucha-zielona&psig=AFQjCNF9CZF6TWJZ40qyR7cfilMktWqJPg&ust=1474547736387746) |
| Padalec  Anguis fragilis | [Znalezione obrazy dla zapytania Padalec](https://elwisek88.flog.pl/wpis/5724644/blyszczacy-model-padalec-) |
| Ślimak winniczek  Helix pomateje | [Ślimak winniczek](https://pl.wikipedia.org/wiki/Plik:Helix_pomatia_may_2008_cropped.jpg) |
| Żaba trawna  Rana temporiane | [https://upload.wikimedia.org/wikipedia/commons/thumb/2/23/AD2009Sep13_Rana_temporaria_06.jpg/220px-AD2009Sep13_Rana_temporaria_06.jpg](https://pl.wikipedia.org/wiki/Plik:AD2009Sep13_Rana_temporaria_06.jpg) |
| Jaszczurka zwinka  Lacerteofilis | [Obraz znaleziony dla: Jaszczurka zwinka](http://www.bing.com/images/search?q=Jaszczurka+zwinka&id=4435B904339358A2E79D9FDC4E5904D27666AFD2&FORM=IQFRBA) |
| Gołąb grzywacz  Columba palumblus | [Obraz znaleziony dla: gołąb grzywacz](http://www.bing.com/images/search?q=go%c5%82%c4%85b+grzywacz&id=E7FDD12D584CF0829A1BF492CC226139959C0438&FORM=IQFRBA) |
| Dzięcioł czarny  Dryocopus martius | [Znalezione obrazy dla zapytania dzięcioł czarny](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiykNHt26zPAhXCDxoKHUdRBBAQjRwIBw&url=http://www.naturephoto-cz.com/dzieciol-czarny-picture_pl-20077.html&psig=AFQjCNHQuzb9ZSXZUxhK0p-85g7lt91cLQ&ust=1474968135263095) |
| Nornica ruda  Modes glariolus | [Znalezione obrazy dla zapytania Nornica ruda](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwi-55-k3KzPAhWCChoKHSIkBEwQjRwIBw&url=http://tomaszskorupka.blogspot.com/2015/07/blog-post_24.html&bvm=bv.133700528,d.ZGg&psig=AFQjCNGmwbloiq-_jlqXMEGV2rBQvDKaVQ&ust=1474968533168774) |
| Rudzik  Aglais io | [Znalezione obrazy dla zapytania Rudzik](https://www.google.pl/imgres?imgurl=https://upload.wikimedia.org/wikipedia/commons/thumb/f/f3/Erithacus_rubecula_with_cocked_head.jpg/220px-Erithacus_rubecula_with_cocked_head.jpg&imgrefurl=https://pl.wiktionary.org/wiki/rudzik&docid=R93zpg9f3YVnoM&tbnid=K5oWu_QQSC-AHM:&w=220&h=176&safe=active&bih=808&biw=1113&ved=0ahUKEwiF8YbY3KzPAhVlDsAKHSGXCB4QMwhQKBcwFw&iact=mrc&uact=8) |
| Perłowiec malinowiec  Argunnis paphia | [Znalezione obrazy dla zapytania Perłowiec malinowiec](https://www.google.pl/imgres?imgurl=http://www.tapeciarnia.pl/tapety/srednie/268372_motyl_cynia.jpg&imgrefurl=http://www.tapeciarnia.pl/243456_pomaranczowe_motyle_oset_noc&docid=W90Q5a7OmCV80M&tbnid=Kubth72P5VmetM:&w=250&h=180&safe=active&bih=808&biw=1113&ved=0ahUKEwiSg7WA3azPAhUhCcAKHYJ-BisQMwhQKCwwLA&iact=mrc&uact=8) |
| Rusałka admirał Vanessa atalanta | [Znalezione obrazy dla zapytania Rusałka admirał](https://www.google.pl/imgres?imgurl=http://s10.flog.pl/media/foto/7330277_motyl-wojskowy-rusalka-admiral.jpg&imgrefurl=http://dzinek36.flog.pl/wpis/7330277/motyl-wojskowy-rusalka-admiral&docid=bTL1GGKMwMM7ZM&tbnid=3kQMqvxa96DYFM:&w=933&h=1244&safe=active&bih=808&biw=1113&ved=0ahUKEwiq8-q23azPAhXEBsAKHSftAvoQMwhfKCYwJg&iact=mrc&uact=8) |
| Zaskroniec zwyczajny  *Natrix natrix* | [Znalezione obrazy dla zapytania zaskroniec zwyczajny](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiH_ujO3qzPAhXCPRoKHTRaAUIQjRwIBw&url=http://ladnydom.pl/Ogrody/51,113395,14357807.html?i=9&psig=AFQjCNEedsniX5PEyKXqTf-tFs08owDgVg&ust=1474969152178673) |
| Harmonia axsyridis | Harmonia axyridis |
| Kormoran zwyczajny  Phalacrocorax Carbo | [Znalezione obrazy dla zapytania kormoran zwyczajny](https://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiCiYrn36zPAhWDLhoKHb5dCYEQjRwIBw&url=https://mieszalski.wordpress.com/galeria-zdjec/kormoran/&psig=AFQjCNFHQ5vD1VQ8AT2HUQ3hRqa6T3HqUQ&ust=1474969504789949) |

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| Kos zwyczajny  *TURDUS MERULA* | [Znalezione obrazy dla zapytania kos zwyczajny](https://www.google.pl/imgres?imgurl=http://www.naturephoto-cz.com/photos/sevcik/kos-zwyczajny--xxxkos_dsg8311.jpg&imgrefurl=http://www.naturephoto-cz.com/kos-zwyczajny-picture_pl-16662.html&docid=QIIMOj8gI85RVM&tbnid=Q_Xbx2a5OmvF4M:&w=600&h=638&safe=active&bih=808&biw=1113&ved=0ahUKEwinjcai4KzPAhVnJsAKHRrIDxIQMwhHKBYwFg&iact=mrc&uact=8) |
| Borsuk europejski  Meles meles | [Znalezione obrazy dla zapytania borsuk europejski](https://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjPqsn84KzPAhVKHxoKHcReDv8QjRwIBw&url=https://pl.dreamstime.com/obraz-royalty-free-europejski-borsuk-image34207706&psig=AFQjCNFVy2hxUF2HujbnDp8Szjed-g3TuA&ust=1474969822070405) |
| Mrówka rudnica  *Formica rufa* | Robotnica mrówki rudnicy |
| Nocek duży  Myotis myotis | [Znalezione obrazy dla zapytania nocek duży](http://www.google.pl/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiF9v_s4azPAhVDCBoKHagVASEQjRwIBw&url=http://trekbol.webd.pl/nietoperze/index.php/component/content/category/78-nietoperze&psig=AFQjCNF8OmusXO9QdqOfyy5eMseO0XQtMg&ust=1474970059850232) |

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| TYGRZYK PASKOWANY  (ARGIOPE BRUENNICHI) | C:\Users\student\Downloads\indeks.jpg |
| DZIĘCIOŁ DUŻY  (DENDROCOPOS MAJOR) | Znalezione obrazy dla zapytania dzi&eogon;cio&lstrok; du&zdot;y |
| ŻUK GNOJARZ  (GEOTRUPES STERCORIUS) | C:\Users\student\Downloads\indeks.jpg |
| FRUCZEK GOŁĄBEK  (Macroglossum stellatarum) | C:\Users\student\Downloads\CEfL2Dr.jpg |
| MYSZOŁÓW  (Buteo) | C:\Users\student\Downloads\indeks.jpg |
| ZIELONA ĆMA | C:\Users\student\Downloads\indeks.jpg |
| KRET | C:\Users\student\Downloads\indeks.jpg |
| MYSZ  (Mus) | C:\Users\student\Downloads\indeks.jpg |
| ROPUCHA ZIELONA  (BUFO VIRIDIS) | C:\Users\student\Downloads\indeks.jpg |
| PADALEC  (ANGUIS FRAGILIS) | C:\Users\student\Downloads\images.jpg |
| ŚLIMAK WINNICZEK  (HELIX POMATIA) | C:\Users\student\Downloads\images.jpg |
| ŻABA TRAWNA  (RANA TEMPORARIA) | C:\Users\student\Downloads\images.jpg |
| JASZCZURKA ZWINKA  (LACERTA AGILIS) | C:\Users\student\Downloads\indeks.jpg |
| GOŁĄB GRZYWACZ  (COLUMBA PALUMBUS) | C:\Users\student\Downloads\indeks.jpg |
| BOGATKA ZWYCZAJNA  (PARUS MAJOR) | C:\Users\student\Downloads\indeks.jpg |
| DZIĘCIOŁ CZARNY  (DRYOCOPIUS MARTIUS) | C:\Users\student\Downloads\indeks.jpg |
| RUSAŁKA PAWIK  (AGLAIS IO) | C:\Users\student\Downloads\indeks.jpg |
| DOSTOJKA MALINOWIEC  (ARGYNNIS PAPHIA) | C:\Users\student\Downloads\indeks.jpg |
| RUSAŁKA ADMIRAŁ  (VANESSA ATALANTA) | C:\Users\student\Downloads\indeks.jpg |
| NORNICA RUDA  (MYODES GLAREOLUS) | C:\Users\student\Downloads\indeks.jpg |
| PAJĄK KRZYRZAK  (ARANEUS BIADENAUS) | C:\Users\student\Downloads\indeks.jpg |
| ZASKRONIEC ZWYCZAJNY  (NATRIX NATRIX) | C:\Users\student\Downloads\indeks.jpg |
| DZIK EOROAZIATYCKI  (SUS SCROFA) | C:\Users\student\Downloads\indeks.jpg |
| MRÓWKA RUDNICA  (FORMICA RUFA) | C:\Users\student\Downloads\indeks.jpg |
| KOS ZWYCZAJNY  (TURDUS MERULA) | C:\Users\student\Downloads\indeks.jpg |
| KORMORAN ZWYCZAJNY  (PHALACROCORAX CARBO) | C:\Users\student\Downloads\indeks.jpg |
| BORSUK EOROPEJSKI  (MELES MELES) | C:\Users\student\Downloads\indeks.jpg |
| NOCEK DUŻY  (MYOTIS MYOTIS) | C:\Users\student\Downloads\indeks.jpg |

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