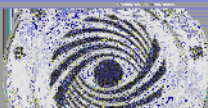
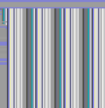


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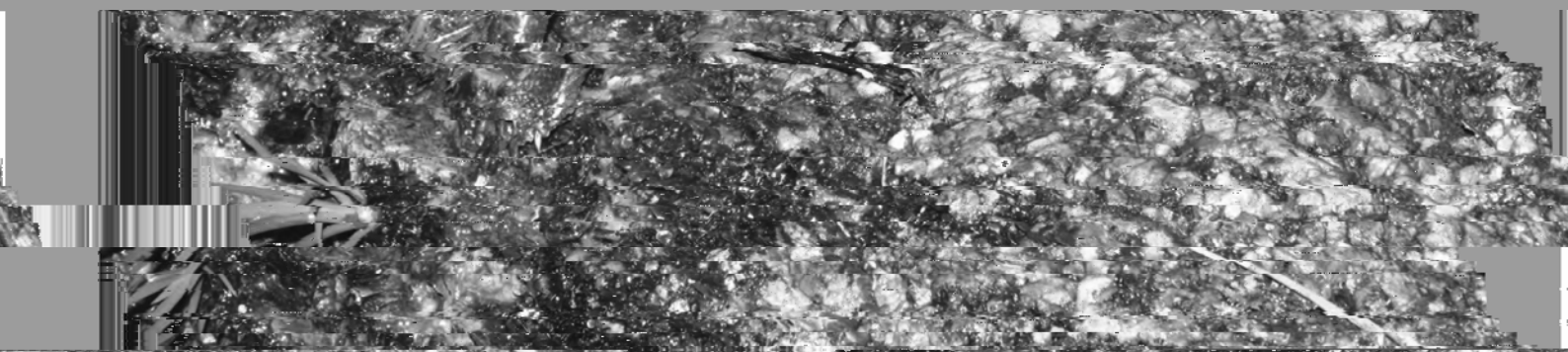
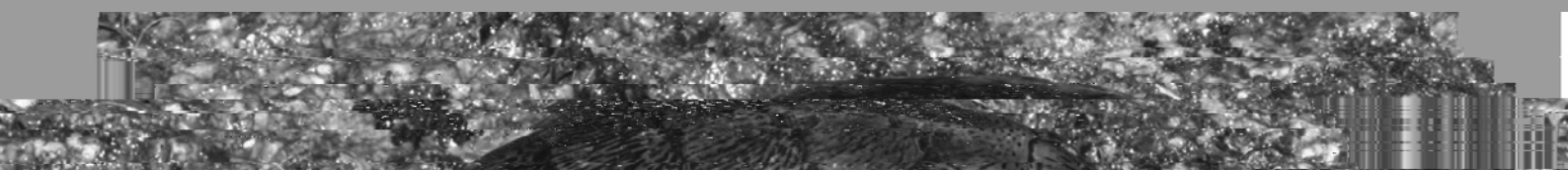
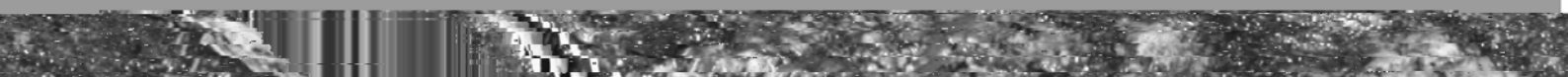


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研究报告

广西大明山鸟类群落组成、区系成分和垂直分布 蔡爱钰 周玉宁 蔡德荣等 (177~192)

广西喀斯特和红色低丘陵地区 蔡爱钰 周玉宁 蔡德荣等 (193~198)

贵州草海保护区雉类种群动态 雷宇 李国顺 刘强等 (199~209)

黔东南雷山瑶族村寨的 GPS/CSM 跟踪初步分析 潘文豪 江永春 覃小军等 (210~216)

紫水鸡非繁殖期日节律与时间分配 宋文宇 韩联奎 邓音文 (217~226)

..... 李俊 (227~234)

应用 DB 神经网络对南港地区动物种群数量的预测研究 李俊 (227~234)

..... 王健 宋亦桑 当惠本等 (244~252)

广州市花地湾市场鱼蟹类调查 王健 宋亦桑 当惠本等 (244~252)

..... 李忠利 冉辉 杨马等 (263~270)

..... 李俊 (271~282)

..... 李俊 (283~293)

..... 李俊 (294~303)

..... 李俊 (304~314)

..... 李俊 (315~324)

..... 李俊 (325~334)

..... 李俊 (335~344)

..... 李俊 (345~354)

..... 李俊 (355~364)

..... 李俊 (365~374)

..... 李俊 (375~384)

..... 李俊 (385~394)

..... 李俊 (395~404)

..... 李俊 (405~414)

..... 李俊 (415~424)

..... 李俊 (425~434)

..... 李俊 (435~444)

..... 李俊 (445~454)

..... 李俊 (455~464)

..... 李俊 (465~474)

..... 李俊 (475~484)

..... 李俊 (485~494)

..... 李俊 (495~504)

..... 李俊 (505~514)

..... 李俊 (515~524)

综述

..... 李俊 (245~254)

..... 李俊 (255~264)

..... 李俊 (265~274)

..... 李俊 (275~284)

..... 李俊 (285~294)

..... 李俊 (295~304)

..... 李俊 (305~314)

..... 李俊 (315~324)

..... 李俊 (325~334)

..... 李俊 (335~344)

..... 李俊 (345~354)

..... 李俊 (355~364)

..... 李俊 (365~374)

新书评介

封面动物

中国特有濒危物种——眼斑水龟人工繁殖初报 龚世平 钟象景 陶君等 (359~360)

动物学杂志

..... 李俊 (365~374)

..... 李俊 (375~384)

..... 李俊 (385~394)

..... 李俊 (395~404)

..... 李俊 (405~414)

..... 李俊 (415~424)

..... 李俊 (425~434)

Species Composition, Fauna and Elevational Gradient Pattern of Birds in Damingshan, Southern Central Guangxi

Population Dynamics of Asian Openbill (*Anastomus oscitans*) in Caohai Nature Reserve, Guizhou, China

Prediction of the Population of Redout Communities Based on BP Neural Network in Alaskan Permafrost

The new record for the fish species, *Interderma indopacificus*, and its expansion for the distribution

MENG Ting-Ting, WANG Qian, GE Bao et al. (283 ~ 293)

Population Ecology and Structure of Siberian Pine (*Pinus sibirica* Ledeb.) in the Subarctic of Russia and China, Based on the Field Data

LUNG Wei, HAF Sa et al. (304 ~ 313) Sequences: FANG Hui-Lan

Update in Giant Panda (Ailuropoda melanoleuca) Preparation and Evaluation of Recombinant Interferon-gamma Nucleoside Loaded in Polylactide-glycolide Nanoparticles YANG Sha-Sha, XU Zhi-Wen, WANG Cheng-Dong et al. (314 ~ 321)

江洪波、鲍洁、江纯九等：《中国鳊鱼苗种生产现状与展望》 JIANG Hong-Bo, BAO Jie, JIANG Chun-Jiu et al. (322 ~ 330)

Monograph on the Infection of *Arzrobjilia Cells* in Digestive Tract of the Mexican Medical Locust (*P. arizonae* *acuticollis*)
 LI FANG ET AL. (2018-2017) CHINA STATE SCIENCE & TECHNOLOGY GAO SILE (2018-2017) CHINA STATE SCIENCE & TECHNOLOGY GAO SILE (2018-2017)

—*electronic communications*

Chung-shan, 338-341, 400-401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179,

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GPS-GSM

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Upland while other 4 birds migrated outside Ordos Plateau in late September and early October. During migrating, the highest speed we recorded was 93.1 km per hour (Table 2). The activity of Demoiselle Crane in Ordos Plateau was divided into two stages. The cranes mainly roosted near Taolimiao-Alashan Lake and Houjia Lake in the first stage, and migrated outside Taolimiao-Alashan Lake and Houjia Lake until migrating outside of the Ordos Plateau in the second stage. In the first stage, breeders mainly roosted in Taolimiao-Alashan Lake and Houjia Lake, while non-breeders had a greater range of movement (Fig. 2). The time and migration routes of the four tracked Demoiselle Cranes migrating outside of the Ordos Plateau are little different (Fig. 3).S

2

Table 2 The activity of Demoiselle Crane in Ordos Plateau

No.	First stage		Second stage		GPS Total numbers of GPS sites	The fastest instantaneous speed (km/h)
	- Time (Month-date)	GPS Numbers of GPS sites	- Time (Month-date)	GPS Numbers of GPS sites		
1	07-06 ~ 08-30	1 308	08-31 ~ 09-18	431	1 739	66.2
2	07-06 ~ 08-16	992	08-17 ~ 09-25	898	1 890	93.1
3	07-07 ~ 08-27	1 241	08-28 ~ 10-04	830	2 071	83.5
4	07-30 ~ 08-30	456	08-31 ~ 09-22	307	763	79.4
5	07-30 ~ 09-05	770	09-06 ~ 10-03	561	1 331	79.6

3d 3

3c 5

3 3e 3 4
5

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20 90

leucogeranus *G. vipio* *Grus*
grus *G. monacha* *G.*
japonensis

Higuchi et al. 1994 1996 1998 Harris
et al 2000 Kanai et al. 2000 2002 1995
Higuchi
21 503

3

Fig. 3 The activity of Demoiselle Crane on Ordos Plateau

a. 1 7 6 9 18 b. 2 7 6 9 25 6.6% 7 8

