

Pl. 1. Location of separate groups of burial sites of the Early Iron Age and late antiquity in the south of Central Asia.

Yueh-chih-Sarmatian HCC (Lyavandak)

○ - burials in the end longitudinal catacombs, southern orientation (late 3rd – 1st centuries BC): 1. Parkhai; 2. Khas Kiryaz; 3. Kyzyl Chashma; 4. Meshterkhazinskii; 5. Tuz-Gyr; 6. Tumek-Kichidzhik; 7. Taiky; 8. Yasy-Gyr; 9. Shakhrivaironskii; 10. Lyavandak; 11. Kuyu-Mazar; 12. Atalyk; 13. Kyzyl-Tepe; 14. Shaushukum (catacombs of the 2nd type); 15. Zhaman-Togai; 16. Vostochno-Kurailinskii I; 17. Solntse; 18. Zheltyr; 19. Berlik; 20. Mechetsai; 21. Uvak; 22-26. Pokrovka 1,2,7,8,10.

□ - simple burials and burials with recess, southern orientation (late 3rd – 1st centuries BC): 1. Kara-Bulak; 2. Kensai; 3. Berkkara II; 4. Agalyksaiskii; 5. Kyzyl-Kainar; 6. Durmen; 5,8. Tuzgyr; 6,9. Tumek-Kichidzhik; 10. Yasygyr; 11. Shakhsemen; 12. Isfarinskii; 13. Kulbulak; 14. Kuvinskii; 15. Katakurganskii; 16. Tamdy; 17. Zhaman-Togai; 18. Barbastau; 19. Zhorsuat; 20. Tselinnyi I; 21. Zhaman Kargala; 22. Kardailovskie; 23. Gaulty; 24. Streletskoe; 25. Lisakovskii; 26. Solntse; 27. Mechetsai; 28. Uvak; 29-33. Pokrovka 1,2,7,8,10; 34. Sargary; 35. Bishungarovo; 36. St. Kiishki; 37. Astana; 38. Ulangom; 39. Nukhtin-Am.

Saka-Usunian HCC (Chilpek) late 3rd – 1st centuries BC; 1st – 5th centuries AD.

■ - simple burials and burials with recess, western orientation 1. Chilpek; 2. Kargalinskoe; 3. Tenlik; 4. Sokolovka; 5. Dzhergetal; 6. Burana; 7. Aigyrzhal; 8. Tot-Aryk; 9. Tot-Bashat; 10. Dzhele-Tyube; 11. Aktash; 12. Baitalchi; 13. Kyzyl-Kainar; 14. Dzhanys-Bulak; 15. Teketash; 16. Tamdy; 17. Berkarra; 18. Uryuk Zorskii; 19. Shoshkala I; 20. Uun-Bulak; 21. Karasha I; 22. Baty; 23. Tuskain; 24. Pchela; 25. Kula-Zhurga; 26. Orto-Kairma; 27. Alymashik; 28. Sufanskii; 29. Karaly II; 30-31. Kapgachai II-III; 32-34. Utegen I-III; 35. Kyzyl-Espe; 36-38. Kyzylauz I-III; 39,40. Ungur-Kora I, II; 41. Besshaty II; 42. Taigak I; 43, 44. Kalkan I, IV; 45-47. Altyn-Emel I, III, IV; 48, 49. Chulak-Dzhigide I, II; 50. Aral-Tobe I.

Hunno-Sarmatian sites of the 2nd – 4th centuries AD.

□ - Western group: 1. Barbastau; 2. Lebedevka II; 3. Lebedevka IV; 4. Lebedevka V; 5. Lebedevka VI; 6. Saralzhin; 7. Linevskie; 8. Tselinnyi I; 9. Georgievskii Bugor; 10. Vostochno-Kurailinskii I; 11. Zhaman-Kargala I; 12. Ulke; 13. Sary-Tau I; 14. Zhanabaz; 15. Atpa I; 16. Atpa II; 17. Atpa IV; 18. Zholutken; 19. Dzhanatan; 20. Krasnogor. Eastern group: 21. Komsomolskii IV; 22. Komsomolskii VI; 23. Krasnyi YAr I; 24. Kara-Tal; 25. Almukhametovskii; 26. Derbenevskii; 27. II Sibaiskii; 28. III Bekeshevskii; 29. Khvorostyanskii; 30. Agapovskii; 31. Magnitnyi; 32. Temyasovskii; 33. Kamennyi Ambar 5; 34. II Akhmerovskii; 35. Salikhovskii; 36. Chumarovskie; 37. Uyazybashevskie; 38. Lekaldy; 39. Druzhenskii; 40. Bairamgulovo; 41. Malkovo; 42. Shatrovo; 43. Pershino; 44. Novonikolskoe; 45. Yavlenka; 46. Kenes; 47. Petrovka; 48. Berlik; 49. Pokrovka; 50. Zhabai-Pokrovka; 51. Bolshekaraganskii; 52. Basshiili.

Hunno-Kangyui (Dzhetyassar) HCC of the 5th – 8th centuries AD.

□ - simple graves and graves with recess, northern orientation: 1. Altynasar 4a; 2. Altynasar 4b; 3. Altynasar 4v; 4. Altynasar 4g; 5. Altynasar 4e; 6. Altynasar 4zh; 7. Altynasar 4z; 8. Altynasar 4i; 9. Altynasar 4k; 10. Altynasar 4l; 11. Altynasar 4m; 12. Altynasar 4o; 13. Altynasar 4r; 14. Altynasar 4t; 15. Kosasar 1; 16. Kosasar 2; 17. Kosasar 3; 18. Tompakasar; 19. Aktobe-2 (burial).

▤ - surface and underground adobe crypts: 1. Altynasar 4b; 2. Altynasar 4d; 3. Altynasar 4e; 4. Altynasar 4i; 5. Altynasar 4n; 6. Altynasar 4o; 7. Altynasar 4kh; 8. Kosasar 1.

Yueh-chih-Kuchanian (Tulkhar) HCC, 2nd century BC – 1st century AD.

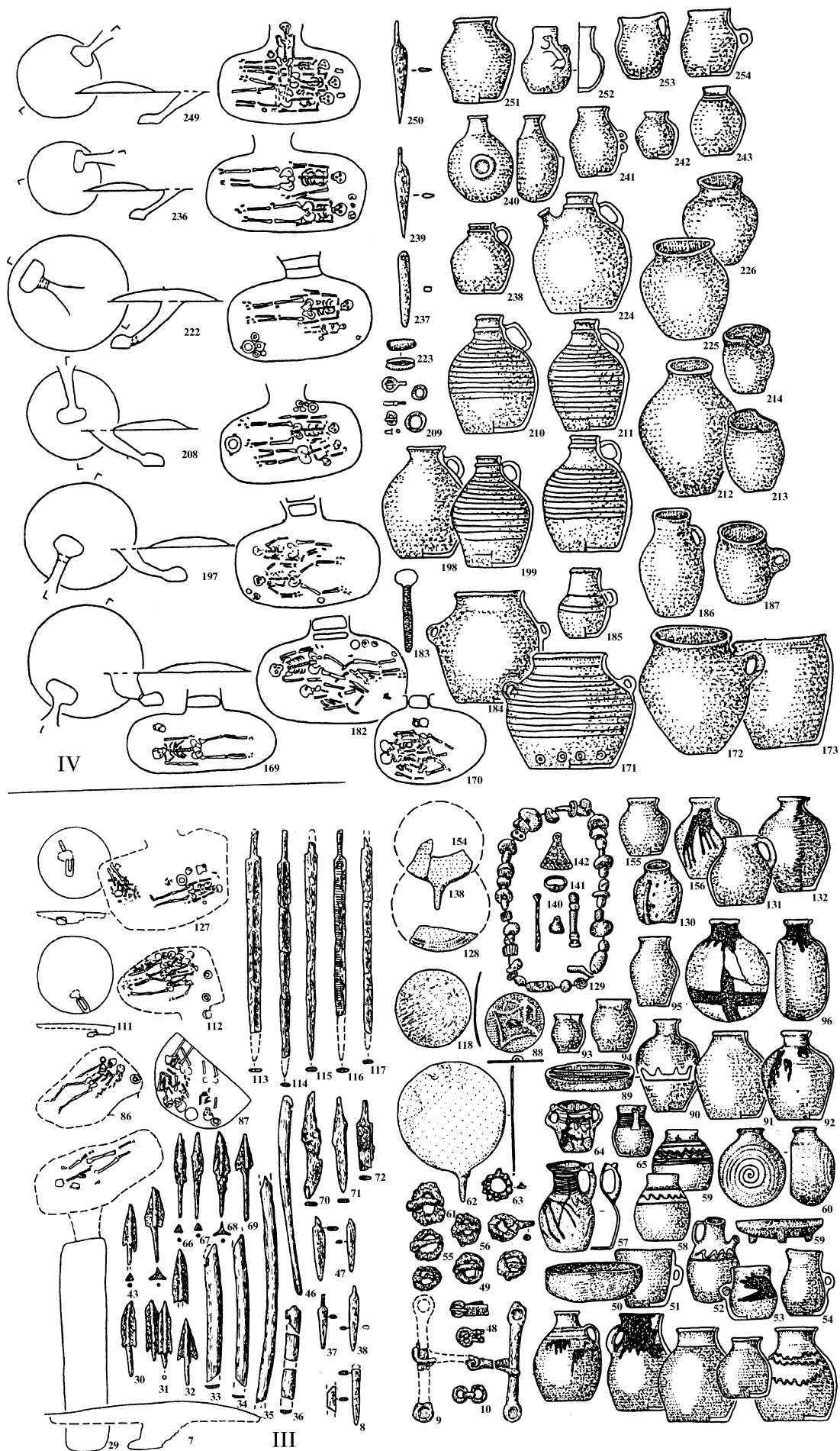
■ - small stone mounds, simple burials and burials with recess, northern orientation: 1. Dzhalpaktobe; 2. Maashan; 3. Kyzyl-Tau; 4. Kul-Ata; 5. Miratkulskii; 6. Sazagan; 7. Ksirov; 8. III Kafirnikanskii; 9. Tulkharskii; 10. Kokumskii; 11. Aruktauskii; 12. Bishkenskii IV; 13. Bishkenskii V; 14. Bishkenskii VI; 15. Bishkenskii VII; 16. Chainarrakskii; 17. Babashovskii; 18. Tilya-Tepe; 19. Dzhilamysh; 20. Kurgak; 21. Bor-korbaz; 22. Khazara; 23. Shaushukum (simple burials).

Kangyui-Alanian (Kenkol) HCC, 1st – 5th centuries BC.

● - catacombs of the dromos type: 1. Teke-Tash; 2. Bos-Tektir; 3. Dzhal-Aryk; 4. Dzhal-Aryk II; 5. Dzhangata; 6. Torken; 7. Almalu; 8. Kairak; 9. Sary-zhon; 10. Dzhelpak-tash; 11. Akchii-Karasu; 12. Akchii-Karasu II; 13. Dzhalanysh-Bulak; 14. Kyzylkainar; 15. Karasha; 16. Kenkol; 17. Tot-Tash; 18. Tot-Aryk; 19. Aigyrzhal; 20. Chatkal; 21. Kyzart; 22. Burmagan II; 23. Burch-Mulla; 24. Gurmiron; 25. Kairagach; 26. Kara-Muinak; 27. Isfara; 28. Kalatarkhon; 29. Surukh; 30. Charku; 31. Vorukh; 32. Shart; 33. Karadzhar; 34. Dzhalpaktobe; 35. Maashan; 36. Khangiz; 37. Borkorbaz; 38. Turatash; 39. Kyzyl-Tau; 40. Shaushukum (catacombs of the 1st type); 41. Ak-Tobe I; 42. Zhaman-Togai; 43. Vrevskaya; 44. Shirinsai; 45. Orekhovskoe; 46. Yangiyul; 47. Durmen; 48. Kurgans on the Nikiforov's lands; 49. Tuyabuguz; 50. Altynatobe; 51. Borizhar; 52. Oktobe; 53. Sazagan; 54. Adzhar-Tebe; 55. Kyzart; 56. Alamyshik; 57. Khazara; 58. Nichke; 59. Ak-Senir; 60. Altynasar 4k; 61. Astana.

Turbasly HCC, 6th – 8th centuries AD.

▤ - earthen mounds, simple graves with niche, northern orientation: 1. Kushnarenkovskii; 2. Novo-Turbasinskii; 3. Ufimskii; 4. Dezhnevskii; 5. Shareevskii.



Pl. 2. Kenkol group (Kangyui-Alanian HCC) (continuation)

Pl. 2. Kenkol group (Kangyui-Alanian HCC) (after K.M. Baipakov, A.N. Bernshtam, N.G. Gorbunova, Yu.A. Zadneprovskii, I.I. Kozhombardiev, B.A. Litvinskii, I.P. Podushkin)

I. Sites at Talas, Fergana:

1-6, 16-28, 37-39, 42, 73-75, 85, 137, 149, 161, 167, 152, 120-122, 151 - Kenkol; 27, 41, 80, 84, 77, 166, 123, 107, 106, 148, 133, 121, 147, 159, 150, 164 - Ketmen-Tyube; 6, 78, 81, 110, 119, 98, 99, 100, 105, 79, 157, 158, 145, 173, 134, 136, 161 - Akchii-Karasu; 97, 143, 165 - Aigyr dzhal; 76, 40, 125, 126, 143, 148 - Chatkal.

II. Samarkand and Bokhara oases:

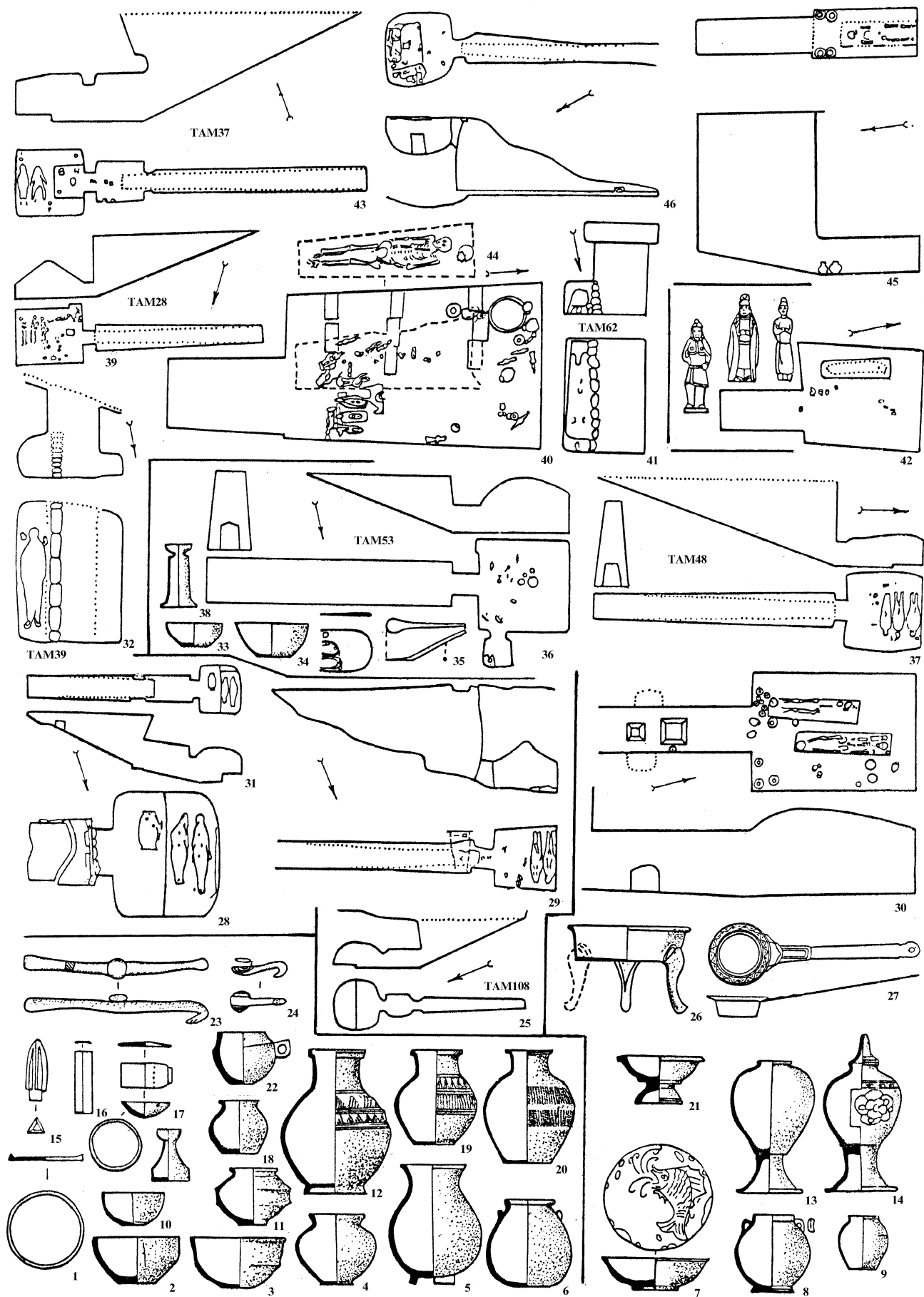
174-181, 189-193, 201-204, 226-233, 215-220, 245, 246 - Orlatskii cemetery, mound 2; 189, 234, 247 - Sazagan, mound 1; 221, 244 - Khazara, mound 3; 194, 205, 227 - Khazara, mound 2; 195 - Sazagan, mound 5; 196, 206 - Sazagan, mound 2; 207 - Sazagan, mound 8; 235, 248 - Sazagan, mound 3.

III. Tashkent oasis:

7, 8, 9 - Shaushukum, mound 56; 8, 117, 48, 49, 130, 95, 96, 44 - Shaushukum, mound 80; 9, 46 - Shaushukum, mound 50; 10, 70-72, 61, 57, 64, 50, 99 - Shaushukum, mound 106; 12, 13, 111, 112 - Aktobe, mound 90; 14, 155, 115, 34, 35, 37 - Shaushukum, mound 60; 15, 127, 51, 53, 54 - Aktobe, mound 40; 11, 87, 58, 59, 129, 140, 141, 142 - Shirinsai; 30, 45, 94, 132, 156 - Shaushukum, mound 62, 31, 43, 116, 47 - Shaushukum, mound 5; 32 - Shaushukum, mound 6; 33, 36, 38, 114 - Shaushukum, mound 72; 48, 66-68, 56, 138 - Shaushukum, mound 110; 52, 88, 118 - Shaushukum, mound 109; 63, 154 - Shaushukum, mound 71; 113 - Shaushukum, mound 107; 86 - Aktobe, mound 43.

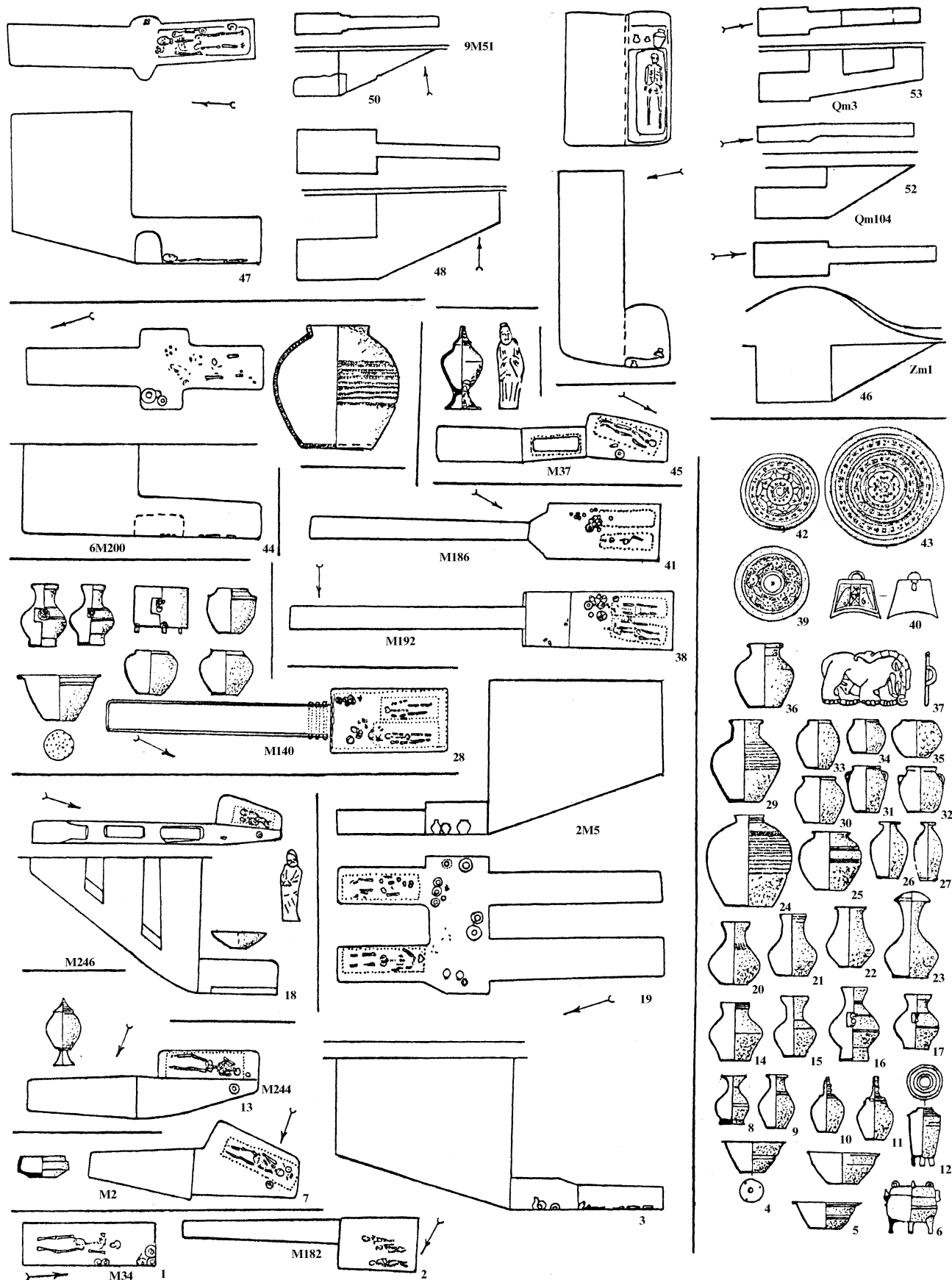
IV. Arys cultural group:

169, 226, 212, 240, 241 - Borikarskii, mound 9; 170, 253, 254 - Borikarskii, mound 2; 171, 208, 199, 237 - Altyn-Tobe, mound 8; 172, 186, 187 - Borikarskii, mound 3; 173, 182, 200, 209, 237 - Altyntobe, mound 11; 185, 197, 198 - Altyntobe, mound 10; 210, 211 - Altyntobe, mound 5; 184, 222, 223, 238, 239, 241, 250 - Altyntobe, mound 3; 213, 214 - Borikarskii, mound 8; 236, 240, 242 - Altyntobe, mound 2; 249, 251, 252 - Altyntobe, mound 1.
1, 7, 29, 37, 73, 86, 87, 97, 111, 112, 127, 143, 169, 170, 182, 188, 197, 208, 222, 227, 236, 244, 249 - general layouts of kurgans and burials; 2-5, 24-27, 41, 80, 85, 161 - wood, fibre, textile, reed; 6, 11-15, 28, 40, 42, 50-54, 57-60, 64, 65, 76-78, 89-96, 107-110, 124-126, 130-132, 150-153, 155-156, 165, 167, 168, 171-173, 184-187, 194-196, 198-200, 205-207, 210-214, 221, 224-226, 233, 234, 235, 238, 240-243, 247, 248, 251-254 - ceramics;
8-10, 16-21, 23, 30-32, 37, 38, 43-45, 47-49, 55-56, 61, 66-69, 70-72, 79, 98-100, 113-117, 119-121, 144, 174-177, 189-191, 201-203, 215, 216, 226, 227, 228-230, 239, 245, 246, 250 - iron; 22, 81, 82, 192, 220, 223, 237 - stone; 62, 63, 74, 75, 88, 106, 118, 128, 145, 154, 157 - bronze; 105, 137, 145-149, 159-161, 162-164 - gold, silver, stone; 23, 33-36, 46, 217-219, 231, 232 - bone; 123, 166 - glass.



Pl. 3. Catacomb burials of Eastern Turkestan

1-6, 10-12, 15-20, 22-24 - grave goods from different burials of the cemetery of Astana;
 7-9, 13, 14, 21, 26, 27, 30 - Sinkiang (Tang period, Henan province); 28, 29, 31-45 - cemetery of Astana.

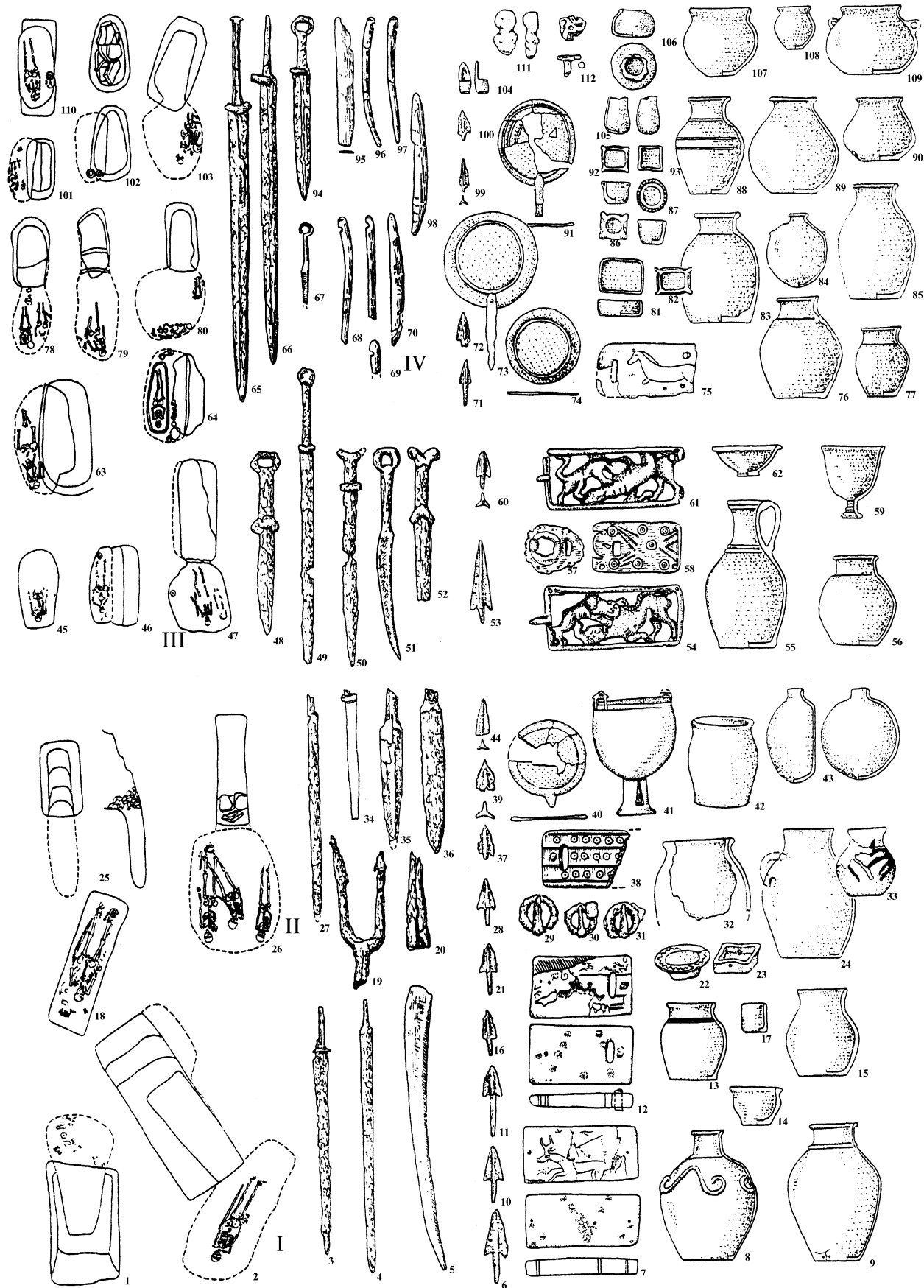


Pl. 4. Catacombs and crypts of Northern China

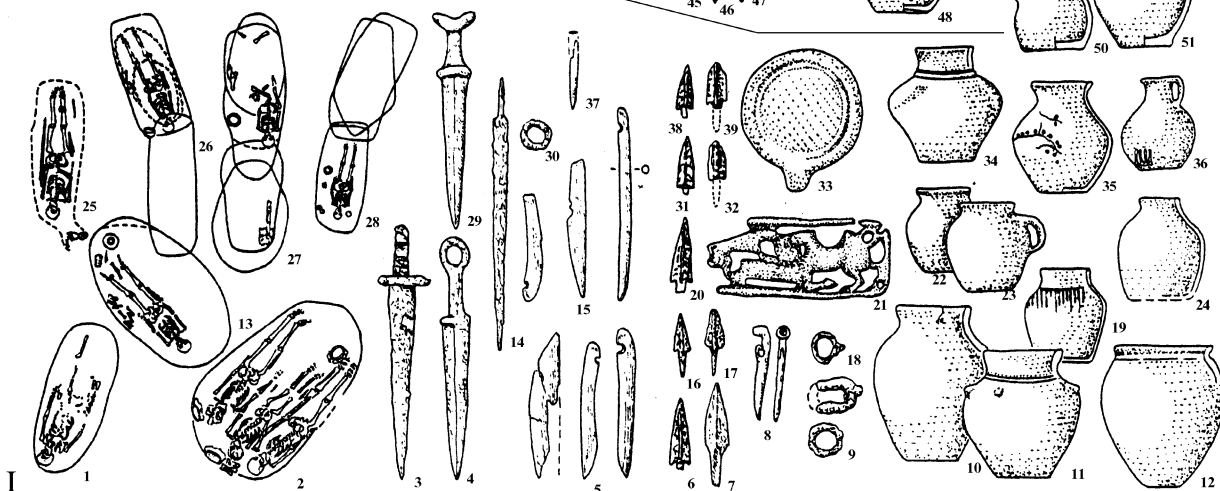
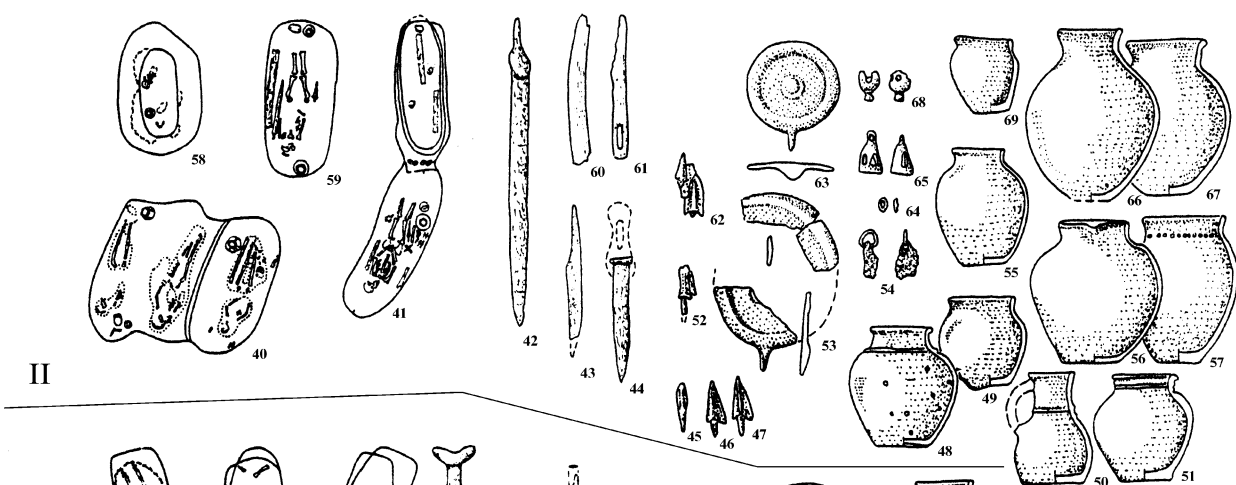
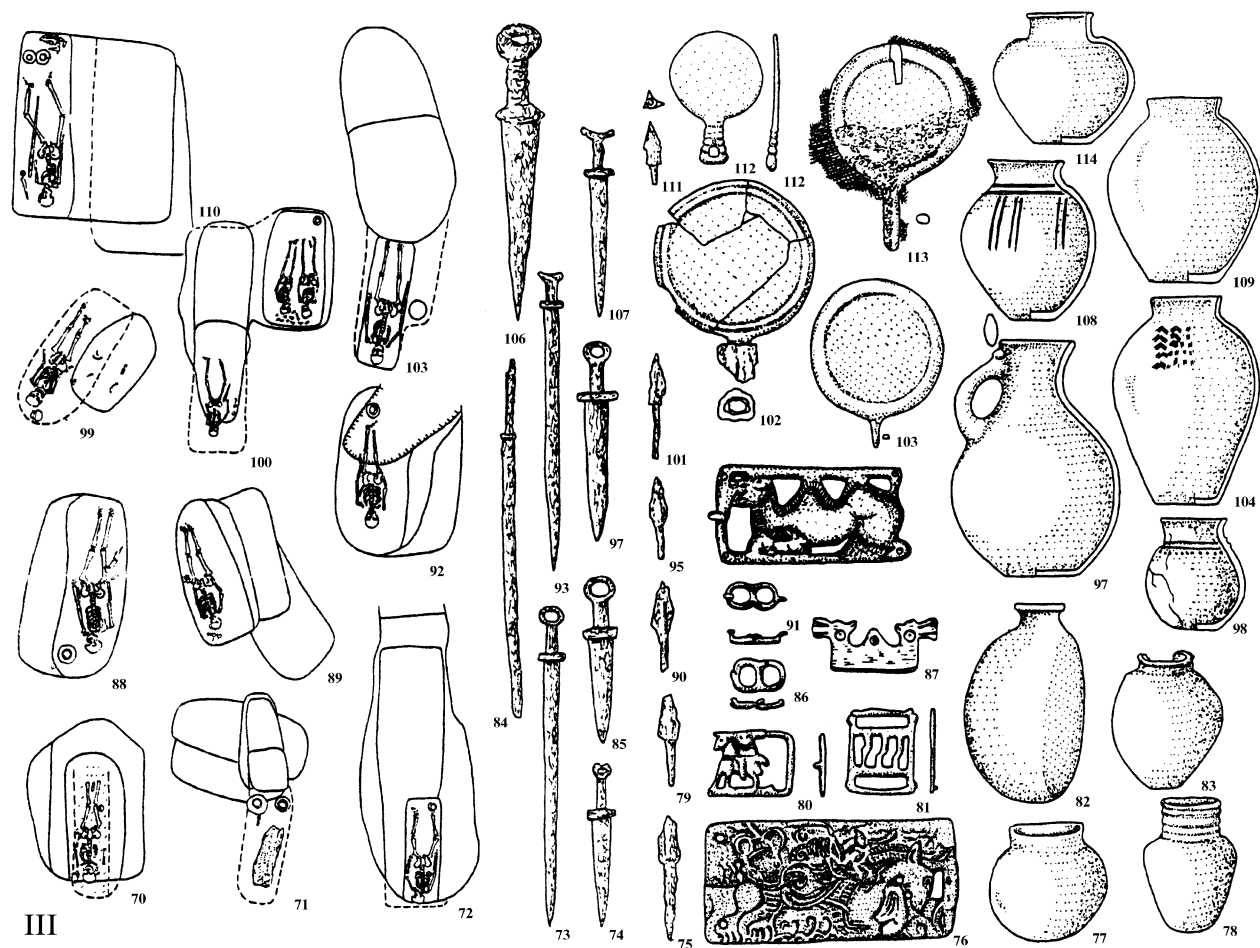
1, 2, 7, 13, 18, 23, 38, 41 - Dyantszy (Han and Tang periods, Shaanxi province);

19, 50, 44, 46, 47, 48, 49, 51 - Shaokhsyan (Qin-Han period, Shaanxi province);

4-6, 8-12, 14-17, 24-27, 29-35, 36, 37, 39, 40, 42, 43 - materials from the burials of the cemetery.



Pl. 5, I. Yueh-chih-Sarmatian HCC (Lyavandak)



Pl. 5, II. Yueh-chih-Sarmatian HCC (Lyavandak)

Pl. 5, I. Yueh-chih-Sarmatian HCC (Lyavandak)

I. Tashkent oasis: 1-3, 18, 21, 28-31, 35, 41, 42 - Zhaman-Togai; 4, 19, 20, 22-25, 32, 33, 36, 38, 40 - Shaushukum (catacombs of the 2nd type).

II. Northern Parphia: 26, 34, 37, 39, 43, 44 - Meshterkhazinskii.

III. Samarkand and Bokhara oases: 45, 47 - Akzhartepe;

46, 48, 51, 53-55, 58-60, 62 - Lyavandak; 49, 50 - Agalyksaiskii; 52, 56, 57 - Kuyumazarskii; 61 - Shakhrivaroi.

IV. Khorezm: 63, 66, 102; 110 - Gyaury; 64, 65, 74, 79, 83, 88-90; 91 94-100, 104, 110 - Tumek-Kichidzhik; 73, 75, 76-78, 80-82, 85-87, 92, 93, 105, 106 - Tuzgyr.

1, 2, 18, 25, 26, 45, 46, 47, 63, 64, 78-80, 101-103, 110 - general layouts of burials.

3, 4, 6, 10, 11, 16, 19, 20, 21, 27-31, 34-37, 39, 44, 48-53, 57, 60, 65-72, 94, 99, 100 - iron;

5, 58, 68-70, 75, 92, 95-97, 7, 12 - resin; 8, 9, 13-15, 17, 22-24, 32, 33, 38, 42, 43, 55, 56, 59, 62, 76, 77, 81-90, 92, 93, 105-110 - ceramics, 40, 41, 54, 61, 73, 74, 91, 104, 111 - bronze.

Pl. 5, II. Yueh-chih-Sarmatian HCC (Lyavandak)

I. Kazakhstan: 1, 4, 18, 35 - Konursa; 2, 5, 10, 14, 16, 19, 24, 28 - Zhabai-Pokrovka;

3, 6, 8, 26, 31, 38 - Zhaltyr; 10, 11, 33, 37 - Petrovka; 15, 22, 23, 25, 36 - Sargary;

12, 27, 29 - Berlik.

II. Southern Transurals: 40, 41, 45, 49, 52, 53, 56, 57, 60-69 - Solntse;

42-44, 46-48, 51-59 - Streletskoe; 50, 54, 55, 58 - Lisakovskii.

III. Or-Ilek interfluvium: 70, 71, 78, 86 - Uvak; 80-84, 88, 89, 91, 92, 98, 102 - Mechetsai;

76, 90, 97, 99, 107, 110, 113 - Pokrovka 2; 72-74, 93, 94, 103-106, 108, 109, 114 - Pokrovka 1;

79, 85, 112 - Pokrovka 7; 87, 100 - Pokrovka 8; 91, 96 - Novo-Kalkashenskii.

1, 2, 13, 25-28, 40, 41, 58, 59, 70-72, 88, 89, 92, 99, 100, 105, 110 - layouts of burials;

3, 4, 6, 9, 14, 16, 17, 18, 20-22, 30-32, 37-39, 42-47, 52, 62, 73-75, 79, 84, 85, 90, 93-95, 101, 106, 107, 111 - iron; 5, 7, 8, 15, 60, 61, 87 - bone; 10-12, 19, 22-24, 34-36, 48-51, 55-57, 66, 67, 69, 77, 78, 82, 83, 97, 98, 104, 108, 109, 114 - ceramics;

21, 34, 54, 63-65, 68, 78, 80, 81, 86, 91, 96, 102, 103, 112, 113 - bronze; 54 - iron, gold.