IMPHAL, WEDNESDAY, MARCH 29, 2023 ꯂꯩꯕꯥꯛꯄꯣꯛꯄ, ꯁꯖꯤꯕꯨꯒꯤ 8ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3421
ꯄꯥꯎꯆꯦ ꯑꯁꯤꯗ ꯐꯣꯡꯖꯔꯤꯕ ꯋꯥꯔꯦꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜ, ꯃꯤꯠꯌꯦꯡ ꯑꯏꯕ ꯃꯁꯥ ꯃꯁꯥꯒꯤꯅꯤ꯫ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯃꯤꯠꯌꯦꯡꯒ ꯊꯣꯏꯗꯣꯛꯅ ꯃꯔꯤ ꯂꯩꯅꯗꯦ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯂꯩꯕꯥꯛꯄꯣꯛꯄ, ꯃꯥꯔꯆ 29, 2023, ꯏꯝꯐꯥꯜ
14 ꯁꯨꯕ ꯆꯍꯤ, 330 ꯁꯨꯕ ꯃꯁꯤꯡ

obT\ꯂꯩ ꯃꯀꯩꯋ꯭ꯀ 2 ꯑꯦꯗꯤꯇꯣꯔꯤꯌꯦꯜ HUEIYEN LANPAO

ꯈꯣꯡꯖꯣꯝꯗ ꯌꯨꯉꯥꯡ ꯐꯦꯛꯇꯔꯤ
ꯀꯥꯎ ꯊꯥꯔꯝꯕ꯭ꯔ ꯅꯠꯇ꯭ꯔꯒ ꯈꯪꯗꯕ꯭ꯔ
ꯊꯧꯕꯥꯜ ꯗꯤꯁꯇ꯭ꯔꯤꯛꯠꯀꯤ ꯈꯣꯡꯖꯣꯝ ꯃꯅꯤꯡ ꯂꯩꯀꯥꯏꯗ ꯂꯩꯕ ꯏꯃꯨꯡ ꯑꯃꯗ
ꯏꯟꯗꯤꯌꯟ ꯃꯦꯗ ꯐꯣꯔꯦꯟ ꯂꯤꯀꯔ (ꯑꯥꯏ ꯑꯦꯝ ꯑꯦꯐ ꯑꯦ) ꯌꯨꯉꯥꯡꯒꯤ ꯇꯣꯉꯥꯟ-
ꯇꯣꯉꯥꯟꯕ ꯕ꯭ꯔꯥꯟꯗ ꯈꯔꯒꯤ ꯌꯨꯁꯤꯡ ꯁꯦꯝ-ꯁꯥꯗꯨꯅ ꯁꯨꯡꯂꯝꯂꯦ꯫ ꯄꯥꯎꯁꯤ
ꯇꯥꯕꯗꯒꯤ ꯈꯣꯡꯖꯣꯝ ꯄꯨꯂꯤꯁ ꯁ꯭ꯇꯦꯁꯟꯒꯤ ꯑꯣꯐꯤꯁꯔ ꯏꯟ-ꯆꯥꯔꯖꯅ ꯂꯨꯆꯤꯡꯕ
ꯄꯨꯂꯤꯁ ꯄꯔꯁꯅꯦꯜꯁꯤꯡ ꯆꯪꯁꯤꯟꯗꯨꯅ ꯊꯤ-ꯍꯨꯝꯕꯒꯤ ꯊꯕꯛ ꯆꯠꯊꯈ꯭ꯔꯦ꯫ ꯁꯦꯝ-
ꯁꯥꯗꯨꯅ ꯁꯨꯡꯂꯒ ꯂꯤꯛꯂꯤꯗ ꯍꯥꯟꯖꯤꯜꯂꯝꯂꯕ ‘ꯑꯣꯜꯗ ꯃꯣꯛ’ ꯀꯤ ꯐꯨꯜ ꯑꯃꯗꯤ
ꯍꯥꯐ ꯕꯣꯠꯇꯜꯁꯤꯡ, ꯑꯇꯣꯞꯄ ꯕ꯭ꯔꯥꯟꯗ ꯈꯔꯒꯤ ꯕꯣꯠꯇꯜꯁꯤꯡꯗ ꯅꯞꯀꯗꯕ
ꯂꯕꯦꯜꯁꯤꯡ ꯌꯥꯎꯅ ꯁꯦꯝꯖꯤꯟ-ꯁꯥꯖꯤꯟꯕ ꯌꯨꯉꯥꯡꯁꯤꯡ ꯁꯨꯡꯕꯒꯤ ꯊꯕꯛꯇ
ꯁꯤꯖꯤꯟꯅꯔꯝꯕ ꯀꯦꯃꯤꯀꯦꯜ ꯌꯥꯎꯅ ꯄꯣꯠꯂꯝ ꯀꯌꯥ ꯐꯥꯒꯠꯂꯛꯈ꯭ꯔꯦ꯫ ꯑꯁꯦꯝꯕ
ꯌꯨꯉꯥꯡꯁꯤꯡ ꯁꯨꯡꯕꯒꯤ ꯃꯄꯨꯡ ꯑꯣꯏꯕ ꯊꯕꯛ ꯇꯧꯕꯅꯤ ꯍꯥꯏꯕ ꯏꯃꯨꯡꯗꯨꯒꯤ ꯃꯤꯑꯣꯏ
ꯐꯥꯕ ꯐꯪꯗꯕꯗꯒꯤ ꯃꯍꯥꯛꯀꯤ ꯑꯄꯣꯛꯀꯤ ꯃꯃꯥꯒ ꯂꯣꯏꯅꯕꯤꯒ ꯐꯥꯒꯠꯂꯛꯈ꯭ꯔꯕ
ꯃꯇꯨꯡ ꯃꯤꯑꯣꯏꯗꯨꯁꯨ ꯄꯨꯂꯤꯁꯇ ꯆꯪꯖꯔꯛꯄꯗꯒꯤ ꯐꯥꯒꯠꯈ꯭ꯔꯦ꯫ ꯄꯨꯂꯤꯁꯅ ꯀꯦꯁ
ꯑꯃ ꯂꯧꯈꯠꯇꯨꯅ ꯏꯟꯚꯦꯁꯇꯤꯒꯦꯁꯟ ꯆꯠꯊꯕ ꯍꯧꯈ꯭ꯔꯦ꯫ ꯄꯨꯂꯤꯁꯀꯤ ꯊꯕꯛꯁꯤ
ꯑꯐꯕ, ꯂꯧꯈꯠꯐꯝ ꯊꯣꯛꯄ ꯑꯃꯁꯨꯡ ꯆꯠꯅꯔꯤꯕ ꯂꯣꯒꯤ ꯃꯇꯨꯡꯏꯟꯅꯁꯨ ꯇꯧꯐꯝ
ꯊꯣꯛꯂꯕ ꯊꯕꯛꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯊꯧꯗꯣꯛꯁꯤ ꯄꯨꯂꯤꯁꯅ ꯃꯁꯤꯒꯤ ꯄꯥꯎ ꯃꯥꯔꯆ 36,
2023 ꯒꯤ ꯑꯌꯨꯛ ꯄꯨꯡ 9.30 ꯇꯥꯔꯛꯄ ꯈꯛꯇꯗ ꯐꯪꯕꯗꯒꯤ ꯆꯠꯊꯈꯤꯕ ꯐꯥꯕ-
ꯄꯨꯟꯕꯒꯤ ꯊꯕꯛꯅꯤ꯫ ꯆꯨꯝꯃꯤ, ꯈꯪꯗ꯭ꯔꯕ-ꯇꯥꯗ꯭ꯔꯕ ꯑꯃꯁꯨꯡ ꯎꯗ꯭ꯔꯕꯗꯤ ꯃꯇꯧ ꯀꯔꯝꯅ ꯆꯪꯁꯤꯟꯗꯨꯅ ꯐꯥꯒꯠꯂꯨꯒꯅꯤ꯫ ꯄꯥꯎ ꯐꯪꯂꯦ ꯍꯥꯏꯗꯨꯅ ꯐꯪꯂꯤꯕ ꯄꯥꯎꯗꯨ ꯆꯨꯝꯃꯤ
ꯅꯠꯇ꯭ꯔꯒ ꯂꯥꯜꯂꯤ ꯍꯥꯏꯕꯒꯤ ꯃꯇꯥꯡꯗ ꯚꯦꯔꯤꯐꯥꯏ ꯇꯧꯗꯅ ꯍꯦꯛꯇ ꯆꯪꯁꯤꯜꯂꯨꯕꯁꯨ
ꯌꯥꯕ ꯅꯠꯇ꯭ꯔꯤ꯫ ꯑꯗꯨꯕꯨ ꯄꯥꯎ ꯐꯪꯕꯒ ꯄꯨꯂꯤꯁꯀꯤ ꯇꯧꯐꯝ ꯊꯣꯛꯄ ꯊꯕꯛꯁꯤꯡ
ꯄꯟꯊꯗꯅ ꯄ꯭ꯔꯞ-ꯄ꯭ꯔꯞ ꯂꯧꯈꯠꯈꯤꯕ ꯑꯗꯨꯃꯛꯁꯨ ꯑꯐꯕ ꯊꯕꯛꯅꯤ꯫ ꯄꯨꯂꯤꯁ
ꯄꯔꯁꯅꯦꯜꯁꯤꯡꯕꯨ ꯊꯥꯒꯠꯄꯤꯒꯗꯕꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯈꯣꯡꯖꯣꯝ ꯃꯅꯤꯡ ꯂꯩꯀꯥꯏꯒꯤ
ꯌꯨꯝꯗꯨꯗ ꯌꯨꯡꯉꯥꯡ ꯁꯨꯡꯕꯒꯤ ꯆꯠꯊꯔꯝꯂꯤꯕ ꯊꯕꯛꯇꯨꯗꯤ ꯃꯥꯔꯆ 26, 2023ꯒꯤ
ꯑꯌꯨꯛꯇ ꯄꯥꯎ ꯐꯪꯈꯤꯕ ꯃꯇꯝꯗꯨ ꯈꯛꯇꯗꯒꯤ ꯍꯧꯕ ꯅꯠꯇꯦ꯫ ꯅꯨꯃꯤꯠ ꯀꯌꯥꯅꯤꯒꯤ
ꯃꯃꯥꯡꯗꯒꯤ ꯏꯜꯂꯤꯒꯦꯜ ꯑꯣꯏꯕ ꯊꯧꯑꯣꯡꯗꯨ ꯆꯠꯊꯗꯨꯅ ꯂꯥꯛꯈ꯭ꯔꯕꯅꯤ꯫ ꯃꯁꯤꯁꯨ ꯄꯥꯎ
ꯐꯪꯕꯗꯒꯤ ꯆꯪꯁꯤꯟꯗꯨꯅ ꯐꯥꯒꯠꯂꯨꯔꯕ ꯃꯇꯨꯡꯗ ꯈꯪꯂꯛꯄꯅꯤ꯫ ꯃꯁ꯭ꯋꯥꯏꯗ ꯂꯥꯛꯂꯤꯕ
ꯋꯥꯐꯝꯗꯤ ꯁ꯭ꯇꯦꯠꯁꯤꯒꯤ ꯄꯨꯂꯤꯁ ꯐꯣꯔꯁ ꯑꯃꯁꯨꯡ ꯃꯁꯤꯒꯤ ꯏꯟꯇꯜꯂꯤꯖꯦꯟꯠ
ꯅꯦꯠꯋꯔꯛꯀꯤ ꯑꯁꯣꯟꯕꯗꯨꯅꯤ꯫ ꯌꯨꯝꯗꯨꯗ ꯁꯦꯝꯖꯤꯟ-ꯁꯥꯖꯤꯟꯗꯨꯅ ꯄꯨꯊꯣꯔꯛꯄ
ꯌꯨꯉꯥꯡ ꯃꯈꯜ ꯈꯔꯗꯨ ꯀꯛꯆꯤꯡ ꯂꯝꯈꯥꯏ, ꯀꯛꯆꯤꯡ, ꯆꯨꯔꯥꯆꯥꯟꯗꯄꯨꯔ, ꯄꯜꯂꯦꯜ
ꯑꯃꯁꯨꯡ ꯊꯧꯕꯥꯜꯅꯆꯤꯡꯕꯗ ꯌꯣꯜꯂꯤ ꯍꯥꯏꯕꯒꯤ ꯔꯤꯄꯣꯔꯠ ꯂꯩꯔꯤꯕꯅ ꯑꯁꯦꯝꯕ
ꯌꯨꯉꯥꯡꯁꯤꯡ ꯑꯗꯨ ꯊꯛꯂꯨꯕꯗꯒꯤ ꯃꯤꯁꯤ-ꯃꯤꯅꯥ ꯌꯥꯎꯈꯤꯗꯕꯒꯤ ꯐꯕꯅꯤ꯫ ꯊꯛꯂꯨꯕ
ꯃꯤꯑꯣꯏ ꯀꯌꯥ ꯄꯥꯛꯇꯛꯅꯅ ꯕꯣꯝ ꯕꯣꯝ ꯇꯨꯗꯨꯅ ꯁꯤꯕꯒꯤ ꯊꯧꯗꯣꯛꯀ ꯊꯣꯛꯂꯝꯂꯕꯗꯤ
ꯀꯝꯗꯧꯕ? ꯑꯩ ꯑꯃꯁꯨꯡ ꯑꯩꯈꯣꯏ ꯌꯥꯎꯍꯧꯗ꯭ꯔꯦ ꯍꯥꯏꯗꯨꯅ ꯄꯦꯟꯊꯣꯛꯂꯒ ꯂꯩꯕ
ꯌꯥꯒꯗꯧꯔꯤꯕ꯭ꯔ ꯍꯥꯏꯕꯅꯤ꯫

ꯇꯥꯕꯗꯒꯤ ꯆꯪꯁꯤꯜꯂꯨꯕꯗ ꯊꯦꯡꯅꯕꯗꯒꯤꯕꯨꯗꯤ ꯐꯥꯒꯠꯂꯛꯂꯦ ꯍꯥꯏꯕꯕꯨ ꯃꯃꯥꯡꯗ
ꯅꯨꯃꯤꯠ ꯀꯌꯥꯅꯤ ꯍꯣꯇ꯭ꯔꯣꯡ ꯍꯣꯅ ꯂꯩꯈꯤꯕ ꯃꯇꯝꯁꯤꯡꯗꯨꯗꯤ ꯈꯪꯅ ꯈꯪꯅ ꯀꯥꯎ ꯊꯥꯕꯗꯧꯅ
ꯊꯥꯈꯤꯕ꯭ꯔ ꯅꯠꯇ꯭ꯔꯒ ꯇꯁꯦꯡꯅ ꯈꯪꯗꯕ꯭ꯔ ꯍꯥꯏꯕꯒꯤ ꯋꯥꯐꯝ ꯊꯣꯔꯛꯏ꯫ ꯈꯪꯗꯕ
ꯑꯣꯏꯔꯝꯂꯒꯁꯨ ꯈꯪꯗꯦ ꯍꯥꯏꯕ ꯌꯥꯔꯣꯏ꯫ ꯃꯅꯤꯄꯨꯔ ꯄꯨꯂꯤꯁ ꯑꯣꯔꯒꯅꯥꯏꯖꯦꯁꯟ
ꯂꯤꯡꯂꯤꯕꯁꯤ ꯑꯗꯨꯒꯨꯝꯕꯁꯤꯡꯗꯨ ꯈꯪꯅꯅꯕꯅꯤ꯫ ꯀꯣꯟꯅ ꯈꯪꯎ, ꯈꯪꯂꯕ ꯃꯇꯨꯡꯗ
ꯍꯨꯔꯥꯟꯕ ꯃꯇꯨꯡ ꯃꯩꯔꯤꯡꯕꯗꯧꯅ ꯈꯣꯡꯒꯨꯜ ꯂꯤꯕꯒꯤ ꯊꯕꯛ ꯄꯥꯡꯊꯣꯛꯎ ꯍꯥꯏꯕ
ꯅꯠꯇꯦ꯫ ꯏꯜꯂꯤꯒꯦꯜ ꯑꯣꯏꯕ ꯊꯕꯛ-ꯊꯧꯔꯝ, ꯀ꯭ꯔꯥꯏꯝ ꯑꯃꯁꯨꯡ ꯑꯣꯐꯦꯟꯁ ꯑꯃ
ꯀꯃꯤꯠ ꯇꯧꯗꯨꯅ ꯊꯣꯛꯍꯟꯗ꯭ꯔꯤꯉꯩꯗ ꯊꯣꯛꯂꯛꯇꯅꯕ ꯃꯥꯡꯖꯧꯅꯕ ꯆꯦꯛꯁꯤꯟ ꯊꯧꯔꯥꯡ
(ꯄ꯭ꯔꯤꯚꯦꯟꯇꯤꯚ ꯃꯤꯖꯔꯁꯤꯡ) ꯂꯧꯈꯠꯂꯨ ꯍꯥꯏꯕꯅꯤ꯫ ꯃꯁꯤꯒꯤꯗꯃꯛ ꯄꯨꯂꯤꯁ
ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯇ ꯏꯟꯇꯜꯂꯤꯖꯦꯟꯁ ꯋꯤꯡꯁꯤꯡ ꯊꯑꯣꯏꯅ ꯂꯤꯡꯗꯨꯅ ꯊꯝꯂꯤꯕꯅꯤ꯫
ꯃꯁꯤꯗ ꯁꯨꯄꯔꯤꯟꯇꯦꯟꯗꯦꯟꯠꯀꯤ ꯊꯥꯛꯇꯒꯤꯅ ꯏꯟꯁꯄꯦꯛꯇꯔ ꯖꯦꯅꯔꯦꯜ
ꯑꯣꯐ ꯄꯨꯂꯤꯁ (ꯑꯥꯏ ꯖꯤ ꯄꯤ) ꯐꯥꯎꯕ ꯌꯥꯎꯅ ꯃꯊꯧ ꯄꯥꯡꯊꯣꯛꯍꯜꯂꯛꯂꯤꯕꯅꯤ꯫
ꯑꯗꯨꯕꯨ ꯑꯁꯤꯒꯨꯝꯕ ꯂꯣꯅ ꯑꯌꯥꯕ ꯄꯤꯗꯕ ꯏꯜꯂꯤꯒꯦꯜ ꯑꯣꯏꯕ ꯊꯕꯛꯁꯤꯡꯁꯤ
ꯃꯕꯨꯛ ꯄꯤꯛ ꯊꯟꯅ ꯏ ꯆꯨꯞꯊꯣꯛꯂꯕ ꯀꯥꯛꯐꯩꯅ ꯃꯨꯜꯂꯒ ꯇꯥꯔꯛꯄ/
ꯀꯦꯜꯂꯛꯄꯒꯤ ꯊꯧꯗꯧꯁꯤ ꯍꯟꯗꯛꯀꯤꯁꯤꯅ ꯑꯍꯥꯟꯕ ꯅꯠꯇꯦ꯫ ꯏꯜꯂꯤꯒꯦꯜ
ꯏꯝꯃꯤꯒ꯭ꯔꯦꯟꯠꯁꯤꯡꯒꯤ ꯃꯇꯥꯡꯗꯁꯨ ꯆꯪꯁꯤꯜꯂꯛꯇꯨꯅ ꯈꯨꯜ ꯐꯥꯎꯕ ꯁꯦꯝꯂꯒ ꯌꯨꯝ-
ꯀꯩ ꯁꯥꯖꯤꯟꯗꯨꯅ ꯈꯨꯟꯗꯥ ꯂꯩꯇꯥꯔꯕ ꯃꯇꯨꯡꯗ ꯈꯪꯂꯛꯄꯅ ꯅꯝꯂꯤ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ
ꯄꯨꯂꯤꯁꯀꯤ ꯊꯕꯛ-ꯊꯧꯔꯝꯁꯤꯡꯗ ꯏꯟꯇꯤꯒ꯭ꯔꯤꯇꯤ ꯑꯃꯁꯨꯡ ꯗꯦꯗꯤꯀꯦꯇꯦꯗ
ꯁꯔꯚꯤꯁꯀꯤ ꯋꯥꯐꯝ ꯍꯦꯛ-ꯍꯦꯛ ꯆꯣꯡꯊꯣꯔꯛꯏ꯫ ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯗꯨꯅ
ꯁꯥꯔꯤꯉꯩꯗ ꯌꯣꯠ ꯌꯩꯍꯧꯗꯕꯗꯒꯤ ꯄꯣꯠ’ꯃ ꯊꯣꯟꯒꯠꯂꯒ ꯆꯠꯂꯤ ꯍꯥꯏꯕꯗꯨꯒꯤ
ꯐꯤꯚꯝ ꯍꯦꯛ-ꯍꯦꯛ ꯃꯥꯌꯣꯛꯅꯩ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯀꯣꯟꯅ ꯁꯤꯡꯂꯛꯇꯨꯅ ꯃꯤꯠ-ꯃꯥꯏ
ꯄꯥꯡꯕꯒꯤ ꯊꯧꯑꯣꯡꯁꯤ ꯃꯈꯥ ꯁꯝꯊꯍꯜꯂꯛꯇꯅꯕ ꯍꯣꯠꯅꯍꯟꯅꯤꯡꯏ꯫ ꯀꯣꯟꯅ
ꯆꯥꯃꯔꯛ ꯁꯤꯡꯒꯗꯕꯒꯤ ꯃꯍꯨꯠ ꯍꯥꯟꯅ ꯑꯃꯨꯛꯇꯪꯗ ꯑꯣꯏꯔꯕꯁꯨ ꯁꯤꯡꯍꯧꯅꯕ
ꯍꯣꯠꯅꯧ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ-62
1) ‘‘ꯀꯪꯂꯥ ꯗꯥꯏꯔꯤ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ?

2) “ꯅꯨꯡꯁꯤꯔꯕ ꯃꯔꯨꯞꯀꯤ ꯃꯄꯥꯎ” ꯍꯥꯏꯅ ꯃꯤꯡꯊꯣꯟꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ
ꯑꯏꯕ ꯀꯅꯥꯅꯣ ꯑꯃꯁꯨꯡ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ?
3) “ꯃꯩꯆꯥꯛ-ꯃꯩꯋꯥꯏꯔꯕ ꯏꯔꯝꯗꯝ” ꯍꯥꯏꯔꯤꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯑꯣꯔꯤꯖꯤꯅꯦꯜ
ꯑꯏꯕ ꯀꯅꯥꯒꯤ ꯂꯥꯏꯔꯤꯛꯇꯒꯤ ꯃꯅꯤꯄꯨꯔꯤꯗ ꯀꯅꯥꯅ ꯇ꯭ꯔꯥꯟꯁꯂꯦꯁꯟ ꯇꯧꯕꯒꯦ?

4) “ꯆꯤꯡꯂꯣꯟꯒꯤ ꯋꯥꯔꯤ ꯁꯤꯡꯕꯨꯟ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯅꯥꯅ ꯏꯕꯅꯣ?

5) “ꯃꯣꯠꯂꯕꯁꯨ ꯃꯣꯠꯅ ꯅꯝꯊꯤꯔꯕꯁꯨ ꯅꯝꯊꯤꯅ/ꯅꯨꯃꯤꯗꯥꯡꯒꯤ ꯂꯪꯂꯕ ꯊꯥꯕꯜꯗ
ꯅꯠꯇ꯭ꯔꯒ ꯊꯥꯃꯝꯂꯕ ꯑꯍꯤꯡꯗ/ꯇ꯭ꯌꯨꯕ ꯂꯥꯏꯠꯀꯤ ꯂꯨꯄꯥ ꯃꯆꯨꯒꯤ ꯃꯩꯉꯥꯜꯗ/
ꯅꯝꯕꯨꯜ ꯇꯨꯔꯦꯜꯒꯤ ꯗ꯭ꯔꯤꯁ꯭ꯌ ꯁꯥꯊꯤꯅ ꯐꯖꯩ!” ꯁꯩꯔꯦꯡ ꯑꯁꯤ ꯑꯏꯕ ꯀꯅꯥꯒꯤ
ꯀꯔꯤ ꯂꯥꯏꯔꯤꯛꯇꯒꯤ ꯂꯧꯊꯣꯔꯛꯄ ꯁꯩꯔꯦꯡꯅꯣ?

ꯃꯊꯛꯇ ꯄꯤꯔꯤꯕ ꯋꯥꯍꯪꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯄꯥꯎꯈꯨꯝ ꯃꯥꯔꯆ 30, ꯁꯒꯣꯜꯁꯦꯟ
ꯅꯨꯃꯤꯠꯀꯤ ꯑꯌꯨꯡ ꯄꯨꯡ 11 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯑꯣꯐꯤꯁꯇ ꯅꯠꯇ꯭ꯔꯒ
I-meL hueiyenliteraryquiz@gmail.com sid meL

ꯑꯣꯏꯅ ꯊꯥꯕꯤꯔꯛꯄ ꯌꯥꯒꯅꯤ꯫ ꯄꯥꯎꯈꯨꯝ ꯄꯤꯕꯤꯔꯛꯄ/ꯊꯥꯕꯤꯔꯛꯄ ꯃꯇꯝꯗ ꯃꯤꯡ,
ꯂꯩꯐꯝ, ꯃꯍꯩꯒꯤ ꯊꯥꯛ ꯑꯃꯁꯨꯡ ꯀꯟꯇꯦꯛꯠ ꯅꯝꯕꯔ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯏꯕꯤꯔꯛꯎ꯫
ꯋꯥꯍꯪ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯄꯥꯎꯈꯨꯝ ꯆꯨꯝꯅ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯆꯨꯝꯅ
ꯄꯤꯕꯤꯔꯛꯄ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯑꯗꯨꯗꯒꯤ ꯗ꯭ꯔꯣ ꯑꯣꯠꯆꯔꯒ ꯂꯥꯏꯕꯛ ꯐꯕ ꯃꯤꯁꯛ
ꯑꯃ ꯈꯟꯖꯒꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯈꯜꯂꯕ ꯃꯤꯁꯛ ꯑꯗꯨꯗ ꯃꯅꯥ ꯄꯤꯖꯒꯅꯤ꯫

ꯑꯆꯧꯕ ꯁꯍꯔꯁꯤꯡꯗ ꯀꯥꯂꯦꯟꯊꯥꯒꯤ ꯃꯇꯝꯗ
ꯍꯦꯛ ꯍꯦꯛ ꯊꯦꯡꯅꯕ, ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡ ꯈꯔ
heNgTlKp mtMt Drosophila lab
ꯃꯔꯤꯅ ꯍꯛꯇꯤꯟꯅꯅꯕ ꯍꯣꯠꯅꯕꯒꯤ ꯁꯛꯇꯝ
ꯑꯣꯖꯣꯟ ꯌꯥꯎꯔꯕ ꯅꯨꯡꯁꯤꯠꯇ ꯍꯤꯡꯂꯤꯕ Drosophila
ꯂꯥꯕ ꯑꯅꯤꯅ ꯍꯛꯇꯤꯟꯅꯅꯕ ꯍꯣꯠꯅꯕ
ꯍꯥꯏꯖꯝꯞ ꯂꯣꯡꯅ ꯆꯣꯡꯕ ꯍꯧꯗꯣꯛꯄ ꯐꯣꯁꯕꯔꯤ ꯂꯩꯈꯤꯗꯕ
ꯑꯣꯖꯣꯟ ꯍꯥꯏꯔꯤꯕ ꯒ꯭ꯌꯥꯁ ꯑꯁꯤ ꯑꯣꯛꯁꯤꯖꯦꯟꯒꯤ ꯑꯦꯇꯝ ꯑꯍꯨꯝꯅ
ꯄꯨꯟꯁꯤꯜꯂꯒ ꯑꯣꯖꯣꯟ ꯃꯣꯂꯤꯀ꯭ꯌꯨꯜꯁꯤꯡꯅ ꯁꯦꯝꯕꯅꯤ꯫ ꯒ꯭ꯌꯥꯁ ꯑꯁꯤ
ꯂꯩꯐꯝꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ ‘ꯑꯐꯕ’ ꯑꯃꯁꯨꯡ ‘ꯐꯠꯇꯕ’ ꯍꯥꯏꯅ ꯈꯥꯏꯗꯣꯛꯄ
ꯌꯥꯏ꯫ ꯁ꯭ꯇ꯭ꯔꯥꯇꯣꯁꯐꯤꯌꯔꯗ ꯂꯩꯔꯤꯕ ꯑꯣꯖꯣꯟ ꯑꯁꯤꯅ ꯅꯨꯃꯤꯠꯀꯤ ꯃꯉꯥꯜꯗ
ꯌꯥꯎꯔꯤꯕ ꯑꯜꯇ꯭ꯔꯥ-ꯚꯥꯏꯑꯣꯂꯦꯠ ꯂꯥꯏꯠꯇꯒꯤ ꯉꯥꯛꯊꯣꯛꯄ ꯉꯝꯃꯤ,
ꯑꯗꯨꯅ ꯃꯤꯑꯣꯏꯕꯗ ꯂꯥꯏꯠ ꯑꯁꯤꯅ ꯊꯣꯛꯍꯜꯂꯛꯀꯗꯕ ꯂꯥꯏꯅꯥꯁꯤꯡꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯄ ꯉꯝꯃꯤ꯫ ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯍꯥꯏꯕꯗꯤ ꯇ꯭ꯔꯣꯄꯣꯁꯐꯤꯌꯔꯗ ꯂꯩꯔꯤꯕ ꯑꯣꯖꯣꯟ ꯑꯁꯤꯅ ꯐꯠꯇꯕ
ꯑꯣꯖꯣꯟꯅꯤ ꯃꯔꯝꯗꯤ ꯃꯁꯤꯅ ꯃꯤꯑꯣꯏꯕꯗ ꯂꯥꯏꯅꯥ ꯄꯣꯛꯍꯟꯕ ꯉꯝꯃꯤ (ꯑꯦꯖꯃꯥꯅ
ꯅꯥꯔꯕꯁꯤꯡ, ꯑꯉꯥꯡꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯆꯍꯤ 65 ꯒꯤ ꯃꯊꯛꯇ ꯂꯩꯔꯕꯁꯤꯡꯗ
ꯍꯦꯟꯅ ꯈꯨꯗꯣꯡꯊꯤꯅꯤꯡꯉꯥꯏ ꯑꯣꯏ)꯫ ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟ ꯑꯁꯤꯅ
ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯅ ꯄꯣꯜꯂꯤꯅꯦꯁꯟ ꯇꯧꯍꯟꯕ ꯑꯃꯁꯨꯡ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯅ
ꯙꯥꯔꯥ-ꯅꯥꯂꯥ ꯁꯟꯗꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯍꯛꯇꯤꯟꯅꯕꯗ ꯑꯄꯟꯕ ꯄꯤ ꯍꯥꯏꯕꯁꯤ
ꯊꯤꯖꯤꯜꯂꯤꯕ ꯁꯥꯏꯟꯇꯤꯁꯠꯁꯤꯡꯅ ꯈꯪꯕ ꯉꯝꯂꯦ ꯍꯥꯏꯔꯤ꯫
ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟ ꯑꯁꯤ ꯍꯛꯊꯦꯡꯅꯅ ꯅꯨꯡꯁꯤꯠꯇ
ꯑꯣꯛꯁꯥꯏꯗꯁꯤꯡ (NOx

) ꯑꯃꯁꯨꯡ ꯚꯣꯂꯇꯥꯏꯜ ꯑꯣꯔꯒꯥꯅꯤꯛ ꯀꯝꯄꯥꯎꯟꯗ
(VOC) ꯁꯤꯡꯅ ꯀꯦꯃꯤꯀꯦꯜ ꯔꯤꯑꯦꯛꯁꯟ ꯊꯣꯛꯍꯟꯗꯨꯅ ꯁꯦꯝꯂꯛꯄꯅꯤ꯫
ꯂꯝꯕꯤꯗ ꯆꯦꯜꯂꯤꯕ ꯒꯥꯔꯤꯁꯤꯡ, ꯔꯤꯐꯥꯏꯅꯔꯤꯁꯤꯡ, ꯀꯦꯃꯤꯀꯦꯜ ꯄ꯭ꯂꯥꯟꯠꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯑꯇꯣꯞꯄ ꯁꯣꯔꯁꯁꯤꯡꯗꯒꯤ ꯊꯥꯗꯣꯔꯛꯂꯤꯕ VOC ꯑꯃꯁꯨꯡ
(NOx

) ꯁꯤꯡ ꯑꯁꯤꯅ ꯅꯨꯃꯤꯠꯀꯤ ꯃꯉꯥꯜꯒꯤ ꯃꯇꯦꯡꯅ ꯑꯣꯖꯣꯟ
ꯒ꯭ꯌꯥꯁꯁꯤꯡ ꯁꯦꯝꯂꯛꯏ꯫
ꯏꯟꯁꯦꯛꯇꯤꯡꯒꯤ ꯂꯥꯕ ꯑꯃꯁꯨꯡ ꯑꯃꯣꯝꯁꯤꯡꯅ ꯍꯛꯇꯤꯟꯅꯕ ꯃꯇꯝꯗ ‘ꯐꯦꯔꯣꯃꯣꯟ’ ꯍꯥꯏꯅ ꯈꯪꯅꯔꯤꯕ ꯀꯦꯃꯤꯀꯦꯜ ꯑꯁꯤꯅ ꯑꯆꯧꯕ ꯊꯧꯗꯥꯡ ꯂꯧꯏ꯫ ꯏꯟꯁꯦꯛꯠ ꯁ꯭ꯄꯦꯁꯤꯁ ꯑꯃꯒꯤ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡ ꯑꯁꯤ ꯂꯥꯕ ꯑꯃꯁꯨꯡ ꯑꯃꯣꯝꯒꯤ ꯑꯣꯏꯅ ꯇꯣꯞ-ꯇꯣꯞꯄꯤ ꯍꯥꯏꯕꯗꯤ ꯆꯞ ꯃꯥꯟꯅꯕ ꯁ꯭ꯄꯦꯁꯤꯁꯀꯤ ꯂꯥꯕ ꯑꯃꯁꯨꯡ ꯑꯃꯣꯝ ꯑꯅꯤꯅ ꯑꯃꯅ ꯑꯃꯒꯤ ꯐꯦꯔꯣꯃꯣꯟꯒꯤ ꯃꯅꯝꯕꯨ ꯈꯪꯕ ꯉꯝꯃꯤ꯫ ꯐꯦꯔꯣꯃꯣꯟ ꯃꯅꯝꯒꯤ ꯃꯇꯦꯡꯅ ꯂꯥꯕ ꯑꯃꯅ ꯑꯃꯣꯝ ꯑꯃꯕꯨ ꯐꯪꯕ ꯉꯝꯃꯤ ꯅꯠꯇ꯭ꯔꯒ ꯑꯃꯣꯝ ꯑꯃꯅ ꯂꯥꯕ ꯑꯃꯕꯨ ꯊꯤꯕ ꯉꯝꯍꯜꯂꯤ; ꯑꯁꯨꯝꯅ ꯍꯛꯇꯤꯟꯅꯕ ꯉꯝꯍꯜꯂꯤ ꯑꯃꯁꯨꯡ ꯙꯥꯔꯥ-ꯅꯥꯂꯥ ꯁꯟꯗꯣꯛꯄꯒꯤ ꯀꯥꯡꯂꯣꯟ ꯀꯥꯏꯗꯅ ꯄꯥꯡꯊꯣꯛꯏ꯫ ꯑꯗꯨꯕꯨ Max Planck ꯏꯅꯁꯇꯤꯇꯨꯇꯦ ꯐꯣꯔ Chemical Ecology, ꯘꯦꯔꯃꯥꯅꯌ ꯒꯤ ꯊꯤꯖꯤꯟ-ꯂꯨꯞ ꯑꯃꯅ ꯊꯤꯖꯤꯜꯂꯛꯈꯤꯕꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ, ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟꯅ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯕꯨ ꯊꯨꯒꯥꯏꯕ ꯉꯝꯃꯤ, ꯑꯗꯨꯅ ꯏꯟꯁꯦꯛꯠ ꯂꯥꯕꯁꯤꯡꯒ ꯑꯃꯣꯝꯁꯤꯡꯒ ꯄꯥꯎ ꯐꯥꯎꯅꯕꯒꯤ ꯊꯕꯛꯇ ꯑꯄꯟꯕ ꯄꯤ ꯍꯥꯏꯕꯁꯤ ꯈꯪꯕ ꯉꯝꯂꯛꯈꯤ꯫ ꯑꯗꯨꯅ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯑꯁꯤ ꯍꯟꯊꯍꯜꯂꯛꯄꯗ ꯑꯣꯖꯣꯟꯅ ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫ ꯃꯍꯩ-ꯃꯔꯣꯡꯁꯤꯡꯒꯤ ꯂꯩꯁꯤꯡꯅ ꯄꯣꯜꯂꯤꯅꯦꯁꯟ ꯇꯧꯕꯗ ꯃꯇꯦꯡ ꯄꯥꯡꯂꯤꯕ ꯏꯟꯁꯦꯛꯇꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯔꯛꯄ ꯍꯥꯏꯕꯁꯤꯅ ꯄꯣꯠꯊꯣꯛ ꯍꯟꯊꯍꯟꯅꯕꯒꯤ ꯃꯆꯥꯛ ꯑꯃꯁꯨ ꯑꯣꯏ꯫
ꯑꯌꯥꯝꯕ ꯏꯟꯁꯦꯛꯠ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡ ꯑꯁꯤ ꯀꯥꯔꯕꯟ-ꯀꯥꯔꯕꯟ ꯗꯕꯜ ꯕꯣꯟꯗ (C=C)
ꯁꯤꯡ ꯌꯥꯎꯕ ꯃꯅꯝ ꯆꯦꯟꯕ ꯃꯣꯂꯤꯀ꯭ꯌꯨꯜꯁꯤꯡꯅꯤ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯑꯣꯖꯣꯟꯅ ꯏꯔꯥꯏ ꯂꯥꯏꯅ
ꯊꯨꯒꯥꯏꯕ ꯉꯝꯃꯤ ꯍꯥꯏꯕꯗꯤ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯒꯤ ꯃꯅꯝꯗ ꯑꯍꯣꯡꯕ ꯊꯣꯛꯍꯟꯈꯤ꯫
ꯑꯁꯨꯝꯅ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯒꯤ ꯃꯅꯝꯗ ꯑꯍꯣꯡꯕ ꯂꯥꯛꯄ ꯑꯁꯤꯅ ꯏꯟꯁꯦꯛꯠ ꯂꯥꯕꯁꯤꯡꯒ
ꯑꯃꯣꯝꯁꯤꯡꯒ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯊꯕꯛꯇ ꯑꯀꯥꯏꯕ ꯄꯤꯔꯛꯏ꯫ ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡ ꯑꯁꯤꯅ ꯑꯁꯨꯝ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯇꯥꯔꯕꯗꯤ, ꯂꯥꯕꯒ ꯑꯃꯣꯝꯒ ꯄꯥꯎ ꯐꯥꯎꯅꯕꯒꯤ ꯊꯕꯛꯇ ꯍꯦꯟꯅ ꯑꯄꯟꯕ ꯄꯤꯔꯛꯇꯨꯅ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯔꯛꯄꯗꯒꯤ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯔꯛꯄ ꯌꯥꯕꯒꯤ
ꯑꯀꯤꯕ ꯂꯩ꯫ ꯐꯨꯗ ꯆ꯭ꯌꯦꯟꯁꯤꯡꯗ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤ ꯃꯁꯤ ꯍꯟꯊꯔꯛꯄ ꯑꯁꯤꯅ ꯑꯇꯣꯞꯄ
ꯖꯤꯕꯁꯤꯡꯗꯁꯨ ꯑꯀꯥꯏꯕ ꯄꯤꯔꯛꯀꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯑꯅꯧꯕ ꯋꯥꯐꯝ ꯑꯃ ꯑꯣꯏꯗ꯭ꯔꯕꯅꯤ꯫
ꯊꯤꯖꯤꯟ-ꯂꯨꯞ ꯑꯁꯤꯅ ꯍꯥꯟꯅ ꯊꯤꯖꯤꯟꯈꯤꯕꯒꯤ ꯃꯇꯥꯡꯗ ‘ꯖꯔꯅꯦꯜ ꯑꯣꯐ
ꯀꯦꯃꯤꯀꯦꯜ ꯏꯀꯣꯂꯣꯖꯤ (ꯁꯦꯞꯇꯦꯝꯕꯔ 2020) ꯗ ꯐꯣꯡꯗꯣꯔꯛꯈꯤꯕ ꯄꯥꯎꯗꯝ ꯑꯃꯒꯤ
ꯃꯇꯨꯡꯏꯟꯅ, ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟꯑꯁꯤꯅ ꯂꯩꯁꯤꯡꯒꯤ ꯃꯅꯝꯗ ꯑꯀꯥꯏꯕ ꯄꯤ
ꯍꯥꯏꯕꯁꯤꯁꯨ ꯈꯪꯕ ꯉꯝꯈ꯭ꯔꯕꯅꯤ꯫ ꯂꯩꯁꯤꯡꯒꯤ ꯃꯅꯝ ꯑꯁꯤ ꯄꯣꯜꯂꯤꯅꯦꯇꯔ ꯍꯥꯏꯅ ꯈꯪꯅꯔꯤꯕ
ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤꯗꯃꯛꯇꯗꯤ ꯌꯥꯝꯅꯃꯛ ꯃꯔꯨ ꯑꯣꯏ꯫ ꯂꯩꯒꯤ ꯃꯅꯝ ꯑꯁꯤꯅ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯕ ꯆꯤꯡꯁꯤꯜꯂꯤ ꯑꯃꯁꯨꯡ ꯂꯩꯍꯤ ꯆꯨꯞꯄꯒꯤ ꯊꯕꯛ ꯑꯁꯤ ꯄꯥꯡꯊꯣꯛꯄ ꯃꯇꯝꯗ ꯄꯣꯜꯂꯤꯅꯦꯁꯟ ꯂꯥꯏꯅ ꯊꯣꯛꯍꯜꯂꯤ꯫ ꯑꯃꯁꯨꯡ ꯂꯩꯍꯤ ꯆꯨꯞꯄꯒꯤ ꯊꯕꯛ ꯑꯁꯤ ꯄꯥꯡꯊꯣꯛꯄ ꯃꯇꯝꯗ ꯄꯣꯜꯂꯤꯅꯦꯁꯟ ꯂꯥꯏꯅ ꯊꯣꯛꯍꯜꯂꯤ꯫ ꯄꯣꯜꯂꯤꯅꯦꯁꯟ ꯇꯧꯈ꯭ꯔꯕ ꯂꯩꯔꯁꯤꯡꯅ ꯐꯔꯇꯤꯂꯥꯏꯖꯦꯁꯟ ꯇꯧꯏ ꯑꯗꯨꯒ ꯃꯍꯩ ꯌꯥꯜꯂꯛꯏ꯫ ꯑꯁꯨꯝꯅ ꯃꯍꯩ-ꯃꯔꯣꯡꯁꯤꯡꯅ ꯃꯍꯩ ꯆꯨꯝꯅ ꯄꯥꯟꯕꯗ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯅ ꯑꯆꯧꯕ ꯊꯧꯗꯥꯡ ꯂꯧꯏ꯫
“ꯅꯦꯆꯔ ꯀꯝꯃ꯭ꯌꯨꯅꯤꯀꯦꯁꯟꯁ” (ꯃꯥꯔꯆ 14, 2023) ꯗ ꯐꯣꯡꯗꯣꯔꯛꯈꯤꯕ, ꯍꯟꯗꯛꯀꯤ
ꯊꯤꯖꯤꯟꯕ ꯑꯁꯤꯗ ꯃꯣꯗꯦꯜ ꯑꯃ ꯑꯣꯏꯅ ꯂꯧꯔꯤꯕ Drosophila ꯃꯦꯂꯥꯅꯣꯒꯥꯁꯇꯦꯔ
ꯍꯥꯏꯔꯤꯕ ꯏꯟꯁꯦꯛꯠ ꯑꯁꯤꯒꯤ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯊꯕꯛꯇ ꯑꯣꯖꯣꯟꯅ ꯀꯔꯤ ꯑꯀꯥꯏꯕ
ꯄꯤꯕꯒꯦ ꯍꯥꯏꯕꯁꯤ ꯈꯪꯅꯅꯕꯒꯤꯗꯃꯛ ꯂꯨ: ꯑꯁꯤꯅ ꯅꯨꯡꯁꯤꯠꯇ ꯌꯥꯎꯔꯤꯕ ꯑꯣꯖꯣꯟꯒꯤ ꯂꯦꯚꯦꯜ
ꯑꯗꯨꯒꯤ ꯃꯍꯨꯠ ꯁꯤꯟꯕ ꯌꯥꯔꯕ ꯑꯣꯖꯣꯟ ꯑꯦꯛꯁꯄꯣꯁꯔ ꯁꯤꯁꯇꯝ ꯑꯃ, ꯁꯦꯝꯒꯠꯂꯝꯃꯤ꯫
ꯃꯁꯤꯗ ꯂꯨꯞ ꯑꯁꯤꯅ ꯑꯣꯖꯣꯟ ꯂꯦꯚꯦꯜꯒꯤ ꯑꯀꯛꯅꯕ ꯆꯥꯡ ꯑꯃ ꯌꯥꯎꯔꯕ ꯅꯨꯡꯁꯤꯠꯀꯤ ꯏꯆꯦꯜ ꯑꯃ ꯂꯦꯞꯇꯅ ꯆꯦꯜꯍꯜꯂꯤ꯫ ꯃꯇꯝ ꯑꯁꯤꯗ, ꯏꯟꯁꯦꯛꯠꯁꯤꯡ ꯑꯗꯨꯅ ꯅꯣꯔꯃꯦꯜ ꯀꯟꯗꯤꯁꯟꯁꯤꯡꯗꯁꯨ ꯐꯦꯔꯣꯃꯣꯟꯒꯤ ꯆꯥꯡ ꯅꯦꯝꯅ ꯄꯨꯊꯣꯛꯄ ꯊꯦꯡꯅꯔꯝꯃꯤ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ, ꯂꯨꯞ ꯑꯁꯤꯅ ꯏꯟꯁꯦꯛꯠ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯐꯦꯔꯣꯃꯣꯟꯒꯤ ꯌꯥꯝꯗ꯭ꯔꯕ ꯆꯥꯡꯁꯤꯡ ꯐꯥꯎꯕ ꯑꯣꯟꯕ ꯉꯝꯕ ꯇꯦꯛꯅꯤꯛ ꯑꯃ ꯄꯨꯊꯣꯛꯄꯒꯤ ꯃꯊꯧ ꯇꯥꯔꯝꯃꯤ꯫ ꯑꯗꯨꯅ ꯂꯨꯞ ꯑꯁꯤꯅ ꯒ꯭ꯌꯥꯁ ꯀ꯭ꯔꯣꯃꯥꯇꯣꯒ꯭ꯔꯥꯐ/ꯃꯥꯁ ꯁ꯭ꯄꯦꯛꯇ꯭ꯔꯣꯃꯤꯇꯔ ꯑꯃꯗ ꯄꯨꯟꯁꯤꯜꯂꯕ ꯊꯔꯃꯦꯜ ꯗꯤꯁꯣꯔꯞꯁꯟ ꯌꯨꯅꯤꯠ ꯍꯥꯏꯅ ꯈꯪꯅꯔꯤꯕ ꯈꯨꯠꯂꯥꯏꯁꯤ
ꯁꯤꯖꯤꯟꯅꯔꯝꯃꯤ꯫ ꯃꯁꯤꯅ ꯏꯟꯁꯦꯛꯠ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯊꯥꯗꯣꯔꯛꯂꯤꯕ ꯃꯅꯝ
ꯆꯦꯟꯕ ꯐꯦꯔꯣꯃꯣꯟꯒꯤ ꯌꯥꯝꯗ꯭ꯔꯕ ꯆꯥꯡꯁꯨ ꯑꯣꯟꯕ ꯉꯝꯍꯜꯂꯝꯃꯤ ꯍꯥꯏꯅ
Nanji Jiang ꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫
ꯆꯥꯡꯌꯦꯡꯁꯤꯡ ꯑꯗꯨꯗ, ꯏꯟꯁꯦꯛꯠ ꯂꯥꯕꯁꯤꯡꯕꯨ ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡ
ꯈꯖꯤꯛꯇꯪ ꯍꯦꯟꯒꯠꯍꯜꯂꯕ ꯃꯐꯝꯁꯤꯡ ꯊꯝꯈꯤ꯫ ꯑꯗꯨꯒ ꯑꯇꯣꯞꯄ
‘ꯀꯟꯇ꯭ꯔꯣꯜ ꯒ꯭ꯔꯨꯞ’ ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯀꯥꯡꯂꯨꯞ ꯑꯃꯅ ꯃꯍꯧꯁꯥꯒꯤ ꯑꯣꯏꯕ
ꯅꯨꯡꯁꯤꯠꯀ ꯃꯥꯟꯅꯕ ꯍꯥꯏꯕꯗꯤ ꯑꯣꯖꯣꯟ ꯌꯥꯎꯗꯕ ꯃꯐꯝꯗ ꯊꯝꯂꯝꯃꯤ꯫
ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡꯅ 100 ꯄꯄꯕ (ꯄꯥꯔꯠꯁ ꯄꯔ ꯕꯤꯂꯤꯌꯟ) ꯑꯣꯏꯕ ꯑꯗꯨꯗ
ꯄꯨꯡ ꯑꯅꯤ ꯊꯝꯕ ꯃꯇꯝꯗ ꯀꯟꯇ꯭ꯔꯣꯜ ꯒ꯭ꯔꯨꯞꯁꯤꯡꯒ ꯆꯥꯡꯗꯝꯅꯕꯗ
ꯑꯣꯜꯂꯤꯕ ꯐꯦꯔꯃꯣꯟꯒꯤ ꯂꯦꯚꯦꯜꯗꯨ ꯌꯥꯝꯅ ꯍꯟꯊꯔꯛꯄ ꯊꯦꯡꯅꯔꯝꯃꯤ꯫
Drosophila ꯃꯦꯂꯥꯅꯣꯒꯥꯁꯇꯦꯔ ꯈꯛꯇ ꯅꯠꯇꯅ, ꯊꯤꯖꯤꯟ ꯂꯨꯞ
ꯑꯁꯤꯅ ꯖꯦꯅꯁ Drosophila ꯒꯤ ꯃꯔꯤ ꯂꯩꯅꯕ ꯁ꯭ꯄꯦꯁꯤꯁ ꯅꯤꯄꯥꯜꯒꯤ
INseKT labsiZdsu caZ yeZsi> Drosophila busckii
ꯍꯥꯏꯔꯤꯕ ꯁ꯭ꯄꯦꯁꯤꯁ ꯑꯁꯤꯈꯛꯇꯗ ꯑꯈꯟꯅꯕ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡ ꯊꯥꯗꯣꯔꯛꯄ
ꯑꯁꯤꯗ ꯑꯣꯖꯣꯟꯅ ꯑꯀꯥꯏꯕ ꯄꯤꯔꯝꯗꯦ, ꯑꯇꯩ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯗꯗꯤ ꯑꯀꯥꯏꯕ
ꯄꯤꯕ ꯊꯦꯡꯅꯔꯝꯃꯤ꯫ ꯃꯁꯤꯒꯤ ꯃꯔꯝꯗꯤ ꯙ. busckii ꯅ ꯊꯥꯗꯣꯔꯛꯂꯤꯕ
ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯗ ꯀꯥꯔꯕꯟ-ꯀꯥꯔꯕꯟ ꯗꯕꯜ ꯕꯣꯟꯗ ꯌꯥꯎꯔꯝꯗꯦ, ꯑꯗꯨꯅꯒ
ꯑꯣꯖꯣꯟꯒ ꯏꯔꯥꯏ ꯂꯥꯏꯅ ꯔꯤꯑꯦꯛꯁꯟ ꯊꯣꯛꯇꯦ꯫

ꯃꯁꯤ ꯃꯈꯥ ꯇꯥꯔꯛꯄꯗ, ꯂꯨꯞ ꯑꯁꯤꯅ ꯏꯟꯁꯦꯛꯠ ꯂꯥꯕꯁꯤꯡꯅ ꯃꯥꯟꯅꯕ
ꯁ꯭ꯄꯦꯁꯤꯁꯀꯤ ꯑꯃꯣꯝꯁꯤꯡꯒ ꯀꯔꯝꯅ ꯍꯛꯇꯤꯟꯅꯕꯒꯦ ꯍꯥꯏꯕꯒꯤ
ꯃꯇꯥꯡꯗ ꯊꯤꯖꯤꯟꯗꯨꯅ ꯌꯦꯡꯂꯝꯃꯤ꯫ ꯃꯇꯝ ꯑꯁꯤꯗ ꯅꯤꯡꯕ ꯀꯥꯏꯅꯤꯡꯉꯥꯏ ꯑꯣꯏꯔꯕ ꯃꯍꯩꯁꯤꯡ ꯐ xlMmi꯫ ꯃꯁꯤ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯒꯤ ꯐꯤꯚꯝꯗ ꯀꯥꯏꯊꯔꯛꯄꯗꯒꯤ ꯊꯣꯔꯛꯈꯤꯕꯅꯤ꯫ Drosophila ꯂꯥꯕꯁꯤꯡꯅ ꯊꯥꯗꯣꯔꯛꯈꯤꯕ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯅ ꯃꯔꯝ ꯑꯣꯏꯔꯒ ꯑꯃꯣꯝꯁꯤꯡꯕꯨ ꯍꯦꯟꯅ ꯀꯟꯅ ꯆꯤꯡꯁꯤꯟꯕ ꯉꯝꯂꯝꯃꯤ꯫ ꯃꯇꯝ ꯑꯁꯤꯗ ꯂꯥꯕꯁꯤꯡꯅ ꯃꯅꯝꯗꯨ ꯁꯤꯖꯤꯟꯅꯔꯒ ꯑꯃꯣꯝꯁꯤꯡꯕꯨ ꯑꯇꯣꯞꯄ ꯂꯥꯕꯁꯤꯡꯗꯒꯤ ꯈꯟꯗꯣꯛꯄ ꯉꯝꯂꯝꯃꯤ꯫ ꯃꯈꯣꯏꯒꯤ ꯐꯦꯔꯣꯃꯣꯟꯅ ꯑꯃꯣꯝꯁꯤꯡꯕꯨ ꯆꯤꯡꯁꯤꯜꯂꯕꯁꯨ, ꯑꯇꯣꯄꯄ ꯂꯥꯕꯁꯤꯡꯗꯒꯤꯗꯤ ꯂꯥꯞꯊꯣꯛꯅꯤꯡꯕ ꯄꯣꯛꯍꯜꯂꯝꯃꯤ꯫ ꯍꯛꯇꯤꯟꯅꯔꯤꯉꯩ ꯃꯅꯨꯡꯗ, ꯂꯥꯕꯁꯤꯡꯅ ꯃꯈꯣꯏꯒꯤ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯗꯨ ꯑꯃꯣꯝꯁꯤꯡꯗ ꯇ꯭ꯔꯥꯟꯁꯐꯔ ꯇꯧꯈꯤꯔꯝꯃꯤ꯫ ꯍꯛꯇꯤꯟꯅꯕ ꯍꯦꯛ ꯂꯣꯏꯈꯤꯕꯗ ꯉꯥꯏꯔꯤꯕ ꯐꯦꯔꯣꯃꯣꯟꯗꯨꯒꯤ ꯃꯅꯝ ꯆꯦꯜꯍꯧꯕ ꯑꯃꯣꯝꯗꯨꯅ ꯄꯨꯡ ꯈꯔꯗꯤ ꯑꯇꯣꯄꯄ ꯂꯥꯕꯁꯤꯡꯕꯨ ꯆꯤꯡꯁꯤꯟꯍꯟꯕ ꯉꯝꯗꯦ꯫ ꯃꯁꯤꯒꯤ ꯃꯍꯩ ꯑꯣꯏꯅ, ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯑꯁꯤꯅ ꯑꯃꯝꯁꯤꯡꯅ
ꯂꯥꯕꯁꯤꯡꯕꯨ ꯆꯤꯡꯁꯤꯟꯕꯒꯤ ꯆꯥꯡꯁꯤ ꯍꯦꯟꯅ ꯍꯟꯊꯔꯛꯏ; ꯃꯁꯤꯒꯤ ꯃꯍꯨꯠꯇ ꯑꯣꯖꯣꯟꯒꯤ
ꯆꯥꯡ ꯍꯦꯟꯅ ꯊꯦꯡꯅꯔꯕ ꯂꯥꯕꯁꯤꯡꯅ ꯃꯦꯜ ꯀꯥꯎꯟꯇꯔꯄꯥꯔꯠꯁꯤꯡꯗ ꯍꯦꯟꯅ ꯄꯨꯛꯅꯤꯡ
ꯆꯪꯂꯛꯏ꯫ ꯑꯣꯖꯣꯟꯒꯤ ꯂꯦꯚꯦꯜꯁꯤꯅ ꯈꯖꯤꯛꯇꯪ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯃꯇꯝꯗ ꯑꯁꯤꯒꯨꯝꯕ
ꯄꯥꯝꯗꯕ ꯃꯆꯠ ꯑꯁꯤ ꯏꯟꯁꯦꯛꯁꯤꯡꯗ ꯊꯦꯡꯅꯔꯛꯈꯤꯕꯅꯤ ꯍꯥꯏꯅ ꯅꯥꯟꯖꯤꯅ ꯃꯈꯥ ꯇꯥꯅ
ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ ꯑꯁꯨꯝꯅ ꯑꯣꯖꯣꯟꯒꯤ ꯂꯦꯚꯦꯜꯗ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯐꯤꯚꯝꯗ ꯃꯇꯝ ꯈꯔ
ꯊꯝꯂꯕ ꯃꯇꯨꯡꯗ ꯂꯥꯕꯁꯤꯡꯅ ꯂꯥꯕꯁꯤꯡꯒ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯃꯑꯣꯡꯁꯤ ꯎꯔꯛꯈꯤꯕꯅꯤ꯫
ꯃꯁꯤꯒꯤ ꯃꯔꯝꯗꯤ ꯃꯈꯣꯏꯅ ꯑꯣꯖꯣꯟ ꯍꯦꯟꯖꯤꯟꯈ꯭ꯔꯕ ꯂꯥꯕ ꯑꯃꯁꯨꯡ ꯑꯃꯣꯝꯁꯤꯡꯒꯤ ꯈꯦꯟꯅꯕꯗꯨ
ꯄꯨꯊꯣꯛꯆꯕ ꯉꯝꯂꯝꯗꯦ꯫
ꯃꯇꯨꯡ ꯇꯥꯔꯛꯄꯗ ꯂꯨꯞ ꯑꯁꯤꯅ ꯅꯨꯡꯁꯤꯠꯅ ꯑꯣꯖꯣꯟꯒꯤ ꯂꯦꯚꯦꯜꯁꯤꯡ ꯍꯦꯟꯒꯠꯍꯟꯗꯨꯅ Drosophila ꯒꯤ ꯑꯇꯣꯞꯄ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯗꯁꯨ ꯆꯥꯡ ꯌꯦꯡꯕ ꯃꯇꯦꯝꯗ, ꯙ. busckii (ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡ ꯊꯥꯗꯣꯔꯛꯄꯒꯤ ꯆꯥꯡꯗ ꯑꯄꯟꯕ ꯄꯤꯗꯦ ꯍꯥꯏꯕ ꯈꯪꯈ꯭ꯔꯕ) ꯁ꯭ꯄꯦꯁꯤꯁꯀꯤ ꯂꯥꯕꯁꯤꯡꯅꯁꯨ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯊꯧꯑꯣꯡꯗ ꯃꯥꯏ ꯄꯥꯛꯄꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯕ ꯊꯦꯡꯅꯔꯝꯃꯤ꯫ ꯅꯩꯅꯈꯤꯕ ꯁ꯭ꯄꯦꯁꯤꯁ ꯃꯥꯄꯜꯒꯤ ꯃꯅꯨꯡꯗꯒꯤ ꯅꯤꯄꯥꯜꯗ ꯂꯥꯕꯁꯤꯡꯅ ꯑꯣꯖꯣꯟ ꯌꯥꯎꯕ ꯅꯨꯡꯁꯤꯠ ꯍꯣꯟꯖꯤꯟꯍꯜꯂꯕ ꯑꯇꯣꯞꯄ ꯂꯥꯕꯁꯤꯡꯒ ꯍꯛꯇꯤꯟꯅꯅꯕ ꯍꯣꯠꯅꯔꯛꯄꯁꯤ ꯊꯦꯡꯅꯔꯛꯈꯤ꯫ ꯃꯇꯥꯡꯁꯤꯗ ꯄꯨꯛꯅꯤꯡ ꯆꯤꯡꯁꯤꯟꯅꯤꯡꯉꯥꯏ ꯑꯣꯏꯔꯤꯕꯗꯤ, ꯐꯦꯔꯣꯃꯣꯟ ꯌꯥꯎꯗꯕ ꯑꯗꯨꯕꯨ ꯃꯃꯤꯠꯅ ꯎꯔꯤꯕꯗꯨꯒꯤ ꯁꯛꯇꯤꯅ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯊꯕꯛ ꯄꯥꯡꯊꯣꯛꯂꯤꯕ ꯙ. Suzukii ꯍꯥꯏꯔꯤꯕ ꯁ꯭ꯄꯦꯁꯤꯁ ꯑꯁꯤꯗꯗꯤ ꯑꯣꯖꯣꯟꯒꯤ ꯂꯦꯚꯦꯜ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯑꯁꯤꯅ ꯍꯛꯇꯤꯟꯅꯕꯒꯤ ꯊꯧꯑꯣꯡꯗ ꯑꯍꯣꯡꯕ ꯂꯥꯛꯄ ꯊꯦꯡꯅꯈꯤꯗꯕ ꯑꯁꯤꯅꯤ꯫ ꯃꯁꯤꯅ ꯇꯥꯛꯂꯤꯕꯗꯤ ꯐꯦꯔꯣꯃꯣꯟꯁꯤꯡꯒꯤ ꯃꯇꯦꯡꯅ ꯍꯛꯇꯤꯟꯅꯕ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯗ ꯑꯣꯖꯣꯟ ꯂꯦꯚꯦꯜ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯑꯁꯤꯅ ꯑꯌꯦꯠꯄ ꯄꯤ
ꯍꯥꯏꯕꯁꯤꯅꯤ꯫
ꯉꯁꯤꯒꯤ ꯃꯥꯂꯦꯝ ꯑꯁꯤꯗ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤ ꯄꯣꯄꯨꯂꯦꯁꯟ ꯑꯁꯤ ꯅꯣꯡꯃ-ꯅꯣꯡꯃꯒꯤ ꯍꯟꯊꯔꯛꯄ ꯊꯦꯡꯅꯔꯦ꯫ ꯃꯔꯨ ꯑꯣꯏꯅ ꯄꯣꯜꯂꯤꯅꯦꯇꯔꯁꯤꯡ ꯍꯥꯏꯔꯒꯁꯨ ꯈꯪꯅꯔꯤꯕ ꯀꯨꯔꯥꯛ ꯑꯃꯁꯨꯡ ꯍꯌꯤꯡꯈꯣꯏꯒꯨꯝꯕ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯔꯛꯄ ꯍꯥꯏꯕꯁꯤ
ꯅꯨꯡꯅꯥꯡꯅꯤꯡꯉꯥꯏ ꯑꯣꯏ꯫ ꯑꯁꯨꯝꯅ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯍꯟꯊꯔꯛꯂꯤꯕ
ꯑꯁꯤ ꯏꯟꯁꯦꯛꯇꯤꯁꯥꯏꯗꯁꯤꯡ ꯌꯥꯝꯅ ꯁꯤꯖꯤꯟꯅꯔꯛꯄ ꯑꯃꯁꯨꯡ ꯏꯟꯁꯦꯛꯠꯁꯤꯡ
ꯑꯁꯤꯒꯤ ꯍꯦꯕꯤꯇꯦꯠꯁꯤꯡ ꯃꯥꯡꯁꯤꯜꯂꯛꯄꯗꯒꯤ ꯑꯣꯏꯔꯛꯄꯈꯛꯇ ꯅꯠꯇꯅ,
ꯑꯇꯣꯞꯄ ꯈꯪꯗꯕ ꯃꯔꯝ ꯃꯌꯥꯝ ꯑꯃꯁꯨ ꯂꯩꯔꯝꯕ ꯌꯥꯔꯤ꯫ ꯃꯔꯝꯁꯤꯡꯗꯨꯒꯤ ꯃꯅꯨꯡꯗ
ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡ ꯍꯦꯟꯒꯠꯂꯛꯄ ꯑꯁꯤꯁꯨ ꯑꯃꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯈꯪꯕ ꯉꯝꯂꯛꯄꯅꯤ ꯍꯥꯏꯅ ꯊꯤꯖꯤꯟ
ꯂꯨꯞ ꯑꯁꯤꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ ꯑꯁꯨꯝꯅ ꯑꯣꯖꯣꯟꯅ ꯍꯛꯇꯤꯟꯅꯕꯗ ꯑꯌꯦꯠꯄ ꯄꯤꯔꯛꯄ ꯑꯃꯁꯨꯡ ꯏꯟꯁꯦꯛꯠꯁꯤꯡꯅ
ꯂꯩꯁꯤꯡꯒꯤ ꯃꯅꯝꯗ ꯆꯤꯡꯁꯤꯟꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯍꯜꯂꯛꯄ ꯑꯁꯤꯅ ꯏꯀꯣꯂꯣꯖꯤꯗ ꯑꯍꯣꯡꯕ ꯄꯨꯔꯛꯄꯒ ꯂꯣꯏꯅꯅ
ꯃꯍꯩ-ꯃꯔꯣꯡꯁꯤꯡꯒꯤ ꯄꯣꯠꯊꯣꯛꯁꯨ ꯍꯟꯊꯍꯜꯂꯛꯀꯗꯕ ꯂꯩꯕꯅꯤꯅ ꯒ꯭ꯔꯥꯎꯟꯗ ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯍꯟꯕ
ꯌꯥꯝꯅꯃꯛ ꯃꯔꯨ ꯑꯣꯏ ꯍꯥꯏꯅ ꯂꯧꯕ ꯌꯥꯏ꯫=

ꯒ꯭ꯔꯥꯎꯟꯗ-ꯂꯦꯚꯦꯜ ꯑꯣꯖꯣꯟꯅ ꯍꯛꯆꯥꯡ ꯁꯣꯛꯍꯟꯕꯈꯛꯇ ꯅꯠꯇꯅ ꯇꯤꯜꯁꯤꯡꯒꯤ
ꯃꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯃꯍꯩ-ꯃꯔꯣꯡꯁꯤꯡꯒꯤ ꯄꯣꯠꯊꯣꯛꯁꯨ ꯍꯟꯊꯍꯜꯂꯤ
ꯁꯥꯏꯟꯁꯀꯤ ꯈꯣꯡꯆꯠ
ꯀꯨꯟꯖꯣ ꯅꯥꯎꯔꯦꯝ
ꯑꯣꯂꯤꯝꯄꯤꯛꯀꯤ ꯍꯥꯏꯖꯝꯞ ꯆꯦꯝꯄꯤꯌꯟ ꯔꯤꯆꯥꯔꯗ
ꯐꯣꯁꯕꯔꯤ (Richard Fosbury) (ꯑꯁꯝꯕꯤꯗ ꯙꯤꯆꯀ
Fosbury), ꯑꯦꯊꯂꯦꯇꯤꯛꯁꯀꯤ ꯃꯔꯨ ꯑꯣꯏꯕ ꯊꯧꯔꯝ ꯑꯃ
ꯑꯣꯏꯔꯤꯕ ꯍꯥꯏꯖꯝꯞꯀꯤ ꯊꯧꯔꯝꯗ ꯀꯨꯝꯖꯥ 1968 ꯗ ꯃꯦꯛꯁꯤꯀꯣ ꯁꯍꯔꯗ ꯄꯥꯡꯊꯣꯛꯈꯤꯕ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁꯀꯤ ꯃꯤꯇꯔ 2.28 (ꯐꯨꯠ 7 ꯏꯟꯆꯤ 4) ꯆꯣꯡꯗꯨꯅ ꯊꯧꯔꯝ ꯑꯁꯤꯗ ꯑꯣꯂꯤꯝꯄꯤꯛꯀꯤ ꯑꯅꯧꯕ ꯔꯦꯀꯣꯔꯗ ꯑꯃ ꯊꯝꯈꯤꯕꯒ ꯂꯣꯏꯅꯅ ꯁꯅꯥꯒꯤ ꯃꯦꯗꯜ ꯂꯧꯈꯤ, ꯋꯔꯜꯗ ꯔꯦꯀꯣꯔꯗ ꯌꯧꯕꯗꯤ ꯉꯝꯍꯧꯗꯦ꯫ ꯍꯧꯈꯤꯕ ꯅꯤꯡꯊꯧꯀꯥꯕ ꯅꯨꯃꯤꯠ ꯃꯥꯔꯆ 13, 2023 ꯗ ꯂꯣꯁ ꯑꯦꯟꯖꯦꯜꯁꯇ ꯂꯩꯈꯤꯗꯕꯗ ꯃꯥꯂꯦꯝꯗ ꯂꯩꯔꯤꯕ ꯁꯥꯟꯅꯔꯣꯏꯁꯤꯡꯗ ꯃꯔꯨ ꯑꯣꯏꯅ ꯑꯦꯊꯂꯤꯠꯁꯤꯡꯅ ꯅꯨꯡꯉꯥꯏꯇꯕ ꯐꯣꯡꯗꯣꯛꯅꯔꯛꯂꯤ꯫ ꯃꯥꯂꯦꯝꯗ ꯃꯃꯤꯡ ꯂꯩꯔꯕ ꯑꯣꯂꯤꯝꯄꯤꯛꯀꯤ ꯍꯥꯏꯖꯝꯞ ꯆꯦꯝꯄꯤꯌꯟꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯋꯔꯜꯗ ꯑꯦꯊꯂꯦꯇꯤꯛꯁ ꯆꯦꯝꯄꯤꯌꯟꯁꯤꯞꯁꯤꯡꯗ ꯃꯀꯣꯛ ꯑꯣꯏꯗꯨꯅ ꯁꯅꯥꯒꯤ ꯃꯦꯗꯜ ꯂꯧꯈꯤꯕ ꯍꯥꯏꯖꯝꯄꯔ ꯃꯌꯥꯝ ꯑꯁꯤꯒꯤ ꯃꯅꯨꯡꯗ ‘ꯐꯣꯁꯕꯔꯤ’ ꯒꯤ ꯃꯃꯤꯡꯗ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁꯀꯤ ꯊꯧꯔꯝ ꯑꯁꯤ ꯆꯍꯤ ꯀꯌꯥ ꯀꯌꯥ ꯄꯥꯡꯊꯣꯛꯂꯕꯁꯨ ꯃꯍꯥꯛꯀꯤ ꯃꯃꯤꯡꯗꯤ ꯑꯗꯨꯃꯛ ꯂꯩꯍꯧꯔꯒꯅꯤ꯫ ꯃꯔꯝꯗꯤ ꯃꯍꯥꯛꯅ ꯍꯥꯏꯖꯝꯞ ꯆꯣꯡꯂꯤꯕ ꯃꯑꯣꯡ ꯑꯁꯤ "FOSBURY FLOP" ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯍꯥꯏꯖꯝꯞ ꯆꯣꯡꯕꯗ ꯂꯥꯟꯊꯣꯛꯀꯗꯕ ꯆꯩ (ꯕꯥꯔ) ꯑꯗꯨ ꯂꯣꯡꯅ ꯃꯕꯨꯛ ꯑꯃꯁꯨꯡ ꯃꯃꯥꯏꯅ ꯅꯣꯡꯊꯛꯂꯣꯝꯗ ꯑꯣꯟꯗꯨꯅ ꯅꯪꯒꯜꯅ ꯂꯥꯟꯊꯣꯛꯄ ꯃꯑꯣꯡ ꯑꯗꯨꯕꯨ FOSBURY FLOP ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯀꯨꯝꯖꯥ 1968 ꯗ ꯃꯦꯛꯁꯤꯀꯣ ꯁꯍꯔꯗ ꯄꯥꯡꯊꯣꯛꯈꯤꯕ 19 ꯁꯨꯕ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁꯇ ꯃꯍꯥꯛꯅ ꯍꯥꯏꯖꯝꯞ ꯆꯣꯡꯕ ꯑꯗꯨ ꯎꯕꯗ ꯃꯤꯠꯌꯦꯡ ꯇꯥꯔꯤꯕꯁꯤꯡ ꯑꯗꯨ ꯏꯉꯛ ꯉꯛꯅꯈꯤꯕꯈꯛꯇ ꯅꯠꯇꯅ ꯍꯥꯏꯖꯝꯞ ꯆꯣꯡꯕꯒꯤ ꯑꯣꯐꯤꯁꯜꯁꯤꯡ, ꯖꯖꯁꯤꯡ ꯑꯃꯗꯤ ꯔꯦꯐꯔꯤꯁꯤꯡꯁꯨ ꯏꯉꯛ ꯉꯛꯅꯈꯤ꯫ ꯃꯗꯨꯒꯤ ꯃꯊꯛꯇ ꯐꯣꯇꯣꯒ꯭ꯔꯥꯐꯔ, ꯀꯦꯃꯦꯔꯥꯃꯦꯟ ꯑꯃꯁꯨꯡ ꯇꯦꯂꯤꯚꯤꯖꯟꯒꯤ ꯇꯤꯝꯁꯤꯡꯅ ꯍꯥꯏꯖꯝꯞ ꯆꯣꯡꯐꯝ ꯑꯗꯨ ꯍꯦꯛ ꯌꯥꯔꯤꯕꯃꯈꯩ ꯅꯛꯁꯤꯟꯅꯕ ꯍꯣꯠꯅꯈꯤ꯫ ꯐꯣꯁꯕꯔꯤꯒꯤ ꯂꯣꯡꯅ ꯆꯣꯡꯕꯒꯤ ꯃꯑꯣꯡ ꯑꯁꯤ ꯏꯟꯗꯤꯌꯥꯗꯗꯤ ꯑꯍꯥꯟꯕ ꯑꯣꯏꯅ ꯃꯦꯛꯁꯤꯀꯣ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯃꯅꯨꯡꯗ ꯐꯣꯡꯕ ꯏꯪꯂꯤꯁꯀꯤ ꯄꯥꯎꯆꯦ ꯍꯤꯟꯗꯨꯁꯇꯥꯟ ꯁ꯭ꯇꯦꯟꯗꯔꯗ, ꯑꯃ꯭ꯔꯤꯇ ꯕꯖꯥꯔ, ꯇꯥꯏꯝꯁ ꯑꯣꯐ ꯏꯟꯗꯤꯌꯥꯅꯆꯤꯡꯕꯗ ꯑꯍꯥꯟꯕ ꯑꯣꯏꯅ ꯎꯕ ꯐ xI. ꯃꯇꯝ ꯑꯁꯤꯗ ꯅ꯭ꯌꯨ ꯗꯦꯂꯤꯗ ꯂꯩꯕ ꯑꯃꯦꯔꯤꯀꯥꯟ (ꯌꯨ ꯑꯦꯁ ꯑꯦ) ꯑꯦꯝꯕꯦꯁꯤꯗ ꯑꯃꯦꯔꯤꯀꯥꯟ ꯔꯤꯚꯤꯌꯨ ꯍꯥꯏꯕ ꯍꯥꯞꯇꯥꯒꯤ ꯑꯣꯏꯅ ꯐꯣꯡꯕ ꯂꯃꯥꯏ 6/8 ꯂꯣꯝ ꯆꯥꯎꯔꯛꯅ ꯄꯥꯟꯕ ꯏꯪꯂꯤꯁꯀꯤ (ꯃꯨꯝꯕꯥꯏ) ꯏꯟꯗꯤꯌꯥꯗ ꯐꯣꯡꯂꯤꯕ BLITZ ꯒ ꯃꯑꯣꯡ ꯃꯥꯟꯅꯕ ꯄꯥꯎꯆꯦꯗ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯄꯥꯡꯊꯣꯛꯀꯗꯧꯔꯤꯕ ꯊꯥ ꯃꯉꯥ/ꯇꯔꯨꯛꯀꯤ ꯃꯃꯥꯡꯗ ꯐꯣꯁꯕꯔꯤꯒꯤ ꯂꯣꯡꯅ ꯆꯣꯡꯕ ꯍꯥꯏꯖꯝꯞꯀꯤ ꯇꯦꯛꯅꯤꯛ ꯑꯁꯤꯒꯤ ꯐꯣꯇꯣ ꯍꯥꯞꯂꯛꯄꯗ ꯑꯩꯈꯣꯏ ꯏꯉꯛ ꯉꯛꯅꯔꯝꯃꯤ꯫
ꯀꯨꯝꯖꯥ 1968 ꯒꯤ ꯑꯣꯛꯇꯔꯣ ꯊꯥꯒꯤ 12 ꯗꯒꯤ 28 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯦꯛꯁꯤꯀꯣ ꯁꯍꯔꯗ 19 ꯁꯨꯕ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁ ꯄꯥꯡꯊꯣꯛꯂꯝꯃꯤ꯫ ꯂꯩꯕꯥꯛ 112 ꯗꯒꯤ ꯂꯥꯛꯄ ꯁꯥꯟꯅꯔꯣꯏꯁꯤꯡꯅ ꯊꯧꯔꯝ 172 ꯗ ꯁꯔꯨꯛ ꯌꯥꯔꯝꯃꯤ꯫ ꯃꯗꯨꯗ ꯁꯥꯟꯅꯔꯣꯏ 542 ꯅ ꯁꯔꯨꯛ ꯌꯥꯕꯗ ꯅꯨꯄꯤ 768 (14.2%) ꯅ ꯁꯔꯨꯛ ꯌꯥꯔꯝꯃꯤ꯫ ꯁꯍꯥꯔ ꯑꯁꯤꯗ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁ ꯄꯥꯡꯊꯣꯛꯈꯤꯕ ꯃꯇꯝꯗ ꯂꯩꯕꯥꯛ ꯑꯌꯥꯝꯕꯅ ꯁꯔꯨꯛ ꯌꯥꯕ ꯄꯥꯝꯈꯤꯗꯦ꯫ ꯃꯔꯝꯗꯤ ꯃꯦꯛꯁꯤꯀꯣ ꯁꯤꯇꯤ ꯑꯁꯤ ꯁꯃꯨꯗ꯭ꯔ ꯂꯩꯃꯥꯏꯗꯒꯤ ꯐꯨꯠ 7,000 ꯋꯥꯡꯏ. ꯃꯔꯝ ꯑꯗꯨꯅ ꯑꯣꯛꯁꯤꯖꯦꯟ ꯃꯇꯤꯛ ꯆꯥꯅ ꯐꯪꯗꯦ, ꯃꯔꯨ ꯑꯣꯏꯅ ꯂꯝꯖꯦꯜ ꯁꯥꯡꯅ ꯆꯦꯟꯕꯁꯤꯡꯗ ꯌꯥꯝꯅ ꯈꯨꯗꯣꯡꯊꯤꯒꯅꯤ꯫ ꯑꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯂꯩꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡꯒ ꯑꯅꯦꯝꯕ ꯇꯝꯄꯥꯛꯇ ꯂꯩꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡꯒ ꯂꯝꯕ ꯇꯧꯅꯕꯗ ꯑꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯂꯩꯕ ꯆꯤꯡ ꯃꯊꯛ ꯑꯃꯗꯤ ꯑꯋꯥꯡꯕ ꯂꯩꯇꯦꯝ ꯃꯥꯟꯅꯕ ꯃꯐꯝꯗ ꯂꯩꯕ ꯆꯤꯡ ꯃꯊꯛ ꯑꯃꯗꯤ ꯑꯋꯥꯡꯕ ꯂꯩꯇꯝ ꯃꯥꯟꯅꯕ ꯃꯐꯝ
ꯄ꯭ꯂꯦꯇꯨꯅꯆꯤꯡꯕ ꯃꯐꯝꯁꯤꯡꯗ ꯂꯩꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡꯅ ꯍꯦꯟꯅ ꯈꯨꯗꯣꯡ ꯆꯥꯈꯤꯒꯅꯤ ꯍꯥꯏꯕ ꯄꯨꯝꯅꯃꯛꯅ ꯈꯪꯏ꯫ ꯃꯔꯝꯗꯤ ꯑꯣꯛꯁꯤꯖꯦꯟ ꯌꯥꯝꯅ ꯂꯤꯛꯅ ꯂꯩꯕ ꯃꯐꯝꯁꯤꯡꯗ ꯂꯩꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡ ꯑꯗꯨꯗ ꯂꯝꯖꯦꯜ ꯑꯗꯨꯗ ꯃꯥꯏ ꯄꯥꯛꯀꯅꯤ, ꯑꯅꯦꯝꯕ ꯃꯐꯝꯗ ꯂꯩꯕꯁꯤꯡꯗꯤ ꯊꯣꯏꯗꯣꯛꯅ ꯑꯋꯥꯕ ꯅꯪꯒꯅꯤ ꯈꯪꯏ꯫ ꯀꯨꯝꯖꯥ 1863 ꯗ ꯕꯥꯗꯦꯟ-ꯕꯥꯗꯦꯟ ꯀꯧꯕ ꯃꯐꯝꯗ ꯏꯟꯇꯔꯅꯦꯁꯅꯜ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁ 1968 ꯗ ꯄꯥꯡꯊꯣꯛꯅꯕ ꯑꯌꯥꯕ ꯄꯤꯈꯤ꯫ ꯃꯗꯨꯗ ꯂꯩꯕꯥꯛ ꯈꯔꯗꯤ ꯌꯥꯅꯤꯡꯈꯤꯗꯦ꯫ ꯃꯔꯝꯗꯤ ꯁꯍꯔ ꯑꯁꯤ ꯁꯃꯨꯗ꯭ꯔꯒꯤ ꯂꯩꯃꯥꯏꯗꯒꯤ ꯐꯨꯠ 7000 ꯍꯦꯟꯅ ꯋꯥꯡꯏ ꯑꯗꯨꯅ ꯑꯣꯛꯁꯤꯖꯦꯟ ꯋꯥꯠꯇꯨꯅ ꯂꯝꯖꯦꯜ ꯑꯁꯥꯡꯕ ꯆꯦꯟꯕꯁꯤꯡꯗ ꯈꯨꯗꯣꯡ ꯆꯥꯔꯣꯏ, ꯌꯥꯝꯅ ꯋꯥꯒꯅꯤ ꯑꯃꯗꯤ ꯋꯥꯟꯊꯕ ꯌꯥꯎꯒꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯑꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯂꯩꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡꯅ ꯑꯅꯦꯝꯕ ꯇꯝꯄꯥꯛꯇ ꯂꯩꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡꯗꯒꯤ ꯍꯦꯟꯅ ꯈꯨꯗꯣꯡ ꯆꯥꯒꯅꯤ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯈꯦꯟꯅꯕꯒꯤ ꯃꯑꯣꯡ ꯑꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯂꯩꯕꯥꯛ ꯀꯌꯥꯃꯨꯛꯀꯤ ꯑꯍꯩ ꯑꯁꯤꯡ ꯑꯌꯥꯝꯕꯅ ꯁꯥꯏꯀꯣꯂꯣꯖꯤꯀꯦꯜ ꯏꯟꯚꯦꯁꯇꯤꯒꯦꯁꯟ ꯇꯧꯏ, ꯃꯁꯤꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯕ꯭ꯔꯤꯇꯤꯁ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯑꯦꯁꯣꯁꯤꯑꯦꯁꯟꯅ ꯏꯟꯇꯔꯅꯦꯁꯅꯜ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯀꯃꯤꯇꯤꯗꯒꯤ ꯋꯥꯔꯝ ꯈꯔ ꯊꯥꯡꯒꯠꯈꯤ ꯃꯗꯨꯗꯤ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯄꯥꯡꯊꯣꯛꯇ꯭ꯔꯤꯉꯩꯗ ꯊꯥ ꯑꯍꯨꯝꯒꯤ ꯃꯅꯨꯡꯗ ꯆꯌꯣꯜ ꯃꯔꯤ ꯄ꯭ꯂꯦꯇꯨ (ꯑꯋꯥꯡꯕ ꯂꯩꯇꯦꯝ ꯃꯥꯟꯅꯕ ꯃꯐꯝ) ꯑꯃꯁꯨꯡ ꯆꯤꯡꯗ ꯇ꯭ꯔꯦꯅꯤꯡ ꯇꯧꯕ ꯌꯥꯒꯅꯤ꯫ ꯑꯁꯨꯛ ꯌꯥꯝꯕ ꯃꯇꯝ ꯑꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯇ꯭ꯔꯦꯅꯤꯡ ꯇꯧꯍꯜꯂꯨ ꯍꯥꯏꯕ
ꯑꯗꯨꯗ ꯂꯩꯕꯥꯛ ꯀꯌꯥꯃꯨꯛꯀꯤ ꯑꯁꯤꯟ ꯑꯔꯥꯡ ꯑꯣꯏꯔꯤꯕꯁꯤꯡ
ꯑꯗꯨꯅ ꯁꯥꯎꯔꯝꯃꯤ꯫ ꯃꯔꯝꯗꯤ ꯂꯝꯖꯦꯜꯂꯣꯏꯁꯤꯡ ꯑꯗꯨ ꯃꯇꯝ
ꯁꯥꯡꯅꯗꯤ ꯑꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯇ꯭ꯔꯦꯅꯤꯡ ꯇꯧꯍꯟꯅꯤꯡꯗꯦ꯫
ꯃꯇꯝ ꯑꯁꯤ ꯃꯦꯛꯁꯤꯀꯣ ꯂꯩꯕꯥꯛꯀꯤ ꯄ꯭ꯔꯁꯤꯗꯦꯟꯠꯒ ꯃꯍꯩꯔꯣꯏꯁꯤꯡꯒ ꯌꯥꯝꯅ ꯀꯟꯅ ꯌꯦꯛꯅꯕ ꯑꯣꯏꯔꯝꯃꯤ꯫ ꯃꯍꯩꯔꯣꯏꯁꯤꯡꯅ ꯍꯥꯏꯔꯤꯕꯗꯤ ꯁꯦꯜ ꯊꯨꯝ ꯅꯤꯡꯊꯤꯅ ꯂꯩꯇꯕ, ꯄ꯭ꯔꯖꯥꯁꯤꯡꯅ ꯅꯤꯡꯊꯤꯅ ꯆꯥꯕ ꯊꯛꯄ ꯐꯪꯗꯕ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯗ ꯀꯔꯝꯅ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝ ꯄꯥꯡꯊꯣꯛꯇꯨꯅ ꯌꯥꯝꯂꯕ ꯁꯦꯟꯐꯝꯁꯤꯡ ꯆꯥꯗꯤꯡ ꯇꯧꯒꯗꯧꯔꯤꯕꯅꯣ ꯍꯥꯏꯗꯨꯅ ꯌꯥꯅꯤꯡꯗꯕ ꯈꯣꯡꯖꯪ ꯑꯃ ꯆꯪꯁꯤꯟꯈꯤ꯫ ꯒꯦꯝꯁ ꯑꯗꯨ ꯍꯧꯒꯗꯕ ꯆꯌꯣꯜ ꯑꯍꯨꯝ ꯋꯥꯠꯂꯤꯉꯩꯗ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤꯒꯤ ꯃꯃꯥꯡꯗ ꯇꯦꯡꯛꯁꯤꯡ ꯊꯝꯃꯤ꯫ ꯃꯁꯤ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯁ꯭ꯇꯦꯗꯤꯌꯝꯒꯗꯤ ꯃꯥꯌꯣꯛꯅꯕꯗꯅꯤ꯫ ꯗꯦꯃꯣꯟꯁꯇ꯭ꯔꯦꯁꯟ ꯃꯈꯜ ꯀꯌꯥ ꯑꯃ ꯆꯠꯇꯨꯅ ꯏꯔꯥꯡ ꯑꯗꯨ ꯑꯁꯨꯝ ꯑꯁꯨꯝ ꯁꯥꯒꯠꯂꯛꯈꯤ꯫ ꯃꯁꯤ ꯃꯦꯛꯁꯤꯀꯣꯒꯤ ꯂꯩꯕꯥꯛ ꯄꯨꯝꯕ ꯁꯟꯗꯣꯛꯈꯤ꯫ ꯅꯨꯃꯤꯠ ꯇꯔꯥꯅꯤ ꯂꯩꯔꯒ ꯍꯧꯒꯗꯧꯔꯤꯕ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯑꯗꯨꯗ ꯑꯣꯛꯇꯣꯕꯔ 2 ꯗ ꯃꯍꯩꯔꯣꯏ ꯈꯛꯇ ꯅꯠꯇꯅ ꯑꯇꯩ ꯃꯤꯌꯥꯝꯁꯤꯡꯁꯨ ꯁꯔꯨꯛ ꯌꯥꯔꯛꯇꯨꯅ ꯂꯥꯟꯃꯤꯁꯤꯡꯅ ꯃꯈꯣꯏ ꯄꯨꯝꯅꯃꯛꯄꯨ ꯅꯝꯊꯈꯤ ꯃꯦꯛꯁꯤꯀꯣ ꯁꯍꯔꯒꯤ ꯊ꯭ꯔꯤ ꯀꯜꯆꯔ ꯀꯧꯕ ꯃꯐꯝ ꯑꯃꯒꯤ ꯂꯝꯄꯥꯛ ꯃꯤꯑꯣꯏ 10,000 ꯗꯦꯃꯣꯟꯁꯇ꯭ꯔꯦꯁꯟ ꯆꯠꯄꯗ ꯃꯤꯂꯤꯇꯔꯤ ꯀꯣꯏꯁꯤꯜꯂꯝꯃꯤ ꯑꯗꯨꯒ ꯅꯣꯡꯃꯩ ꯀꯥꯞꯁꯤꯟꯗꯨꯅ ꯃꯤꯌꯥꯝ ꯑꯃ ꯍꯥꯠꯈꯤ꯫ ꯂꯥꯟꯐꯝ ꯑꯗꯨ ꯄꯨꯡ 5 ꯍꯦꯟꯅ ꯍꯥꯠꯅ-ꯁꯨꯅꯕ ꯇꯧꯕꯗ ꯃꯤꯑꯣꯏ 200 ꯍꯥꯠꯈꯤ ꯑꯃꯁꯨꯡ ꯃꯤꯑꯣꯏ 1200 ꯑꯁꯣꯛ ꯑꯄꯟ ꯅꯪꯈꯤ꯫ ꯃꯁꯤꯒꯤ ꯃꯇꯨꯡꯗꯗꯤ ꯈꯨꯗꯣꯡꯊꯤꯕ ꯑꯃꯠꯇ ꯌꯥꯎꯗꯅ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯒꯦꯝꯁ ꯑꯗꯨ ꯆꯠꯊꯔꯝꯃꯤ꯫
ꯑꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯄꯥꯡꯊꯣꯛꯈꯤꯕ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯑꯗꯨꯗ ꯅꯨꯡꯁꯤꯠ ꯌꯥꯝꯅ ꯄꯥꯕ, ꯀꯨꯡꯗꯕ, ꯑꯣꯛꯁꯤꯖꯦꯟꯒꯤ ꯆꯥꯡ ꯌꯥꯝꯅ ꯅꯦꯝꯕ ꯃꯔꯝꯅ ꯂꯝꯖꯦꯜ ꯑꯁꯥꯡꯕ ꯆꯦꯟꯕꯁꯤꯡ ꯑꯗꯨ ꯌꯥꯝꯅ ꯋꯥꯈꯤ, ꯃꯔꯛꯇ ꯂꯩꯍꯧꯕꯁꯤꯡ ꯋꯥꯟꯊꯕꯅꯆꯤꯡꯕ ꯌꯥꯎꯈꯤ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯃꯦꯛꯁꯤꯀꯣꯗ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯄꯥꯡꯊꯣꯛꯀꯅꯤ ꯍꯦꯛ ꯂꯦꯞꯈꯤꯕ ꯅꯨꯃꯤꯠꯇꯒꯤ ꯂꯝꯖꯦꯜ ꯑꯋꯥꯡꯕ ꯆꯦꯟꯕꯁꯤꯡ, ꯃꯤꯇꯔ 3000 ꯁ꯭ꯇꯦꯄꯜ ꯆꯦꯖ, ꯃꯤꯇꯔ 5000, ꯃꯤꯇꯔ 10,000 ꯑꯃꯁꯨꯡ ꯃꯔꯥꯊꯟ ꯆꯦꯟꯕꯁꯤꯡꯗ ꯈꯨꯗꯣꯡꯊꯤꯕ ꯊꯣꯛꯀꯅꯤ ꯍꯥꯏꯈꯤ꯫ ꯑꯊꯣꯏ ꯑꯍꯦꯟ ꯇꯥꯟꯅꯕꯒꯤ ꯊꯧꯔꯝꯁꯤꯡ ꯍꯦꯛ ꯍꯧꯈꯤꯕꯗꯒꯤ ꯅꯨꯡꯁꯤꯠ ꯄꯥꯕ, ꯑꯣꯛꯁꯤꯖꯦꯟ ꯋꯥꯠꯄꯒꯤ ꯈꯨꯗꯣꯡꯊꯤꯕꯁꯤꯡ ꯂꯥꯛꯈꯤ꯫ ꯃꯤꯇꯔ 10,000 ꯒꯤ ꯂꯝꯖꯦꯜ ꯄꯥꯡꯊꯣꯛꯈꯤꯕꯗ ꯂꯩꯕꯥꯛ 23 ꯗꯒꯤ ꯂꯝꯖꯦꯜꯂꯣꯏ 37 ꯁꯔꯨꯛ ꯌꯥꯈꯤ꯫ ꯃꯈꯣꯏꯅ ꯇ꯭ꯔꯦꯛ ꯑꯗꯨ 25 ꯔꯛ ꯆꯦꯟꯒꯗꯕꯅꯤ꯫ ꯂꯝꯖꯦꯜꯂꯣꯏ ꯈꯨꯗꯤꯡꯃꯛ ꯑꯍꯥꯟꯕꯗ ꯃꯁꯥ ꯁꯤꯡꯅ ꯑꯗꯨꯃꯛ ꯆꯦꯜꯂꯝꯃꯤ꯫ ꯑꯗꯨꯕꯨ ꯔꯥꯎꯟꯗ ꯇꯔꯨꯛꯂꯛꯁꯨꯕꯗ ꯅꯤꯄꯥ ꯑꯅꯤ ꯁ꯭ꯇ꯭ꯔꯠꯆꯔꯗ ꯄꯨꯊꯣꯛꯈꯤ꯫ ꯃꯤꯇꯔ 8900 ꯌꯧꯔꯛꯄꯗ ‘ꯀꯞ ꯀꯩꯌꯅꯣ’ ꯆꯥꯛꯈꯥꯎ ꯑꯃꯗꯤ ꯒꯣꯜ ꯕ꯭ꯂꯦꯗꯔ ꯅꯥꯔꯛꯇꯨꯅ ꯇꯣꯛꯈꯤꯕꯅꯤ꯫ ꯃꯍꯥꯛ ꯑꯣꯂꯤꯝꯄ;iK ꯑꯁꯤꯗ ꯃꯤꯇꯔ 1500 ꯒꯤꯂꯝꯖꯦꯜꯗ ꯑꯣꯂꯤꯝꯄꯤꯛꯀꯤ ꯔꯦꯀꯣꯔꯗ ꯊꯨꯒꯥꯏꯗꯨꯅ ꯂꯝꯖꯦꯜ ꯊꯣꯏꯈꯤꯕ ꯂꯝꯖꯦꯜꯂꯣꯏꯅꯤ꯫ ꯂꯝꯖꯦꯜꯂꯣꯏ 11 ꯃꯤꯇꯔ 800 ꯆꯦꯟꯒꯗꯕ ꯋꯥꯠꯂꯤ, ꯃꯗꯨꯗ ꯃꯈꯣꯏ ꯃꯁꯦꯜ ꯑꯃꯒ ꯑꯃꯒ ꯑꯃꯨꯛ ꯑꯃꯨꯛ ꯃꯀꯣꯛꯇ ꯆꯦꯟꯅꯩ꯫ ꯇꯧꯏꯒꯨꯝꯕꯁꯨꯡ ꯑꯔꯣꯏꯕꯒꯤ ꯃꯤꯇꯔ 800 ꯈꯛꯇꯃꯛ ꯉꯥꯏꯔꯕ ꯃꯇꯝꯗ ꯏꯊꯣꯄꯤꯌꯥꯒꯤ ꯋꯣꯜꯗꯤ, ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯒꯤ ꯔꯣꯟ ꯀ꯭ꯂꯥꯔꯛ, ꯀꯦꯅꯤꯌꯥꯒꯤ ꯇꯦꯃꯨ ꯑꯃꯁꯨꯡ ꯇꯨꯅꯤꯁꯤꯌꯥꯒꯤ ꯃꯣꯍꯃꯗ ꯒꯥꯝꯃꯥꯎꯗꯤ ꯌꯥꯡꯅ ꯂꯝꯕꯥ ꯇꯧꯗꯨꯅ ꯆꯦꯟꯅꯔꯝꯃꯤ꯫ ꯂꯝꯊꯨꯡꯐꯝ ꯌꯧꯒꯗꯕ ꯔꯥꯎꯟꯗ ꯑꯃ ꯃꯈꯥꯏ ꯋꯥꯠꯂꯤꯉꯩꯗ ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯒꯤ ꯔꯣꯟ ꯀ꯭ꯂꯥꯔꯛ ꯌꯥꯝꯅ ꯁꯣꯟꯊꯅ ꯇꯨꯡꯗ ꯂꯩꯍꯧꯈꯤ꯫ 24 ꯁꯨꯕ ꯔꯥꯎꯟꯗꯗ ꯀꯦꯅꯤꯌꯥꯒꯤ ꯅꯥꯐꯐꯥꯂꯤ ꯇꯦꯃꯨꯅꯤ ꯃꯤꯇꯔ 400 ꯒꯤ ꯔꯥꯎꯟꯗ ꯑꯗꯨ ꯁꯦꯀꯦꯟꯗ 64.4 ꯗ ꯆꯦꯟꯗꯨꯅ ꯒꯥꯝꯃꯧꯗꯤꯕꯨ ꯍꯦꯟꯒꯠꯈꯤ꯫ ꯑꯔꯣꯏꯕ ꯔꯥꯎꯟꯗꯒꯤ ꯀꯥꯡꯁꯤ ꯍꯦꯛ ꯈꯤꯡꯂꯛꯄꯒ ꯋꯣꯜꯗꯤꯅ ꯇꯦꯃꯨꯕꯨ ꯇꯥꯟꯈꯠꯈꯤꯗꯨꯅ ꯒꯖ ꯃꯉꯥꯔꯣꯝ ꯍꯦꯟꯈꯤ꯫ ꯑꯗꯨꯝ ꯑꯣꯏꯅꯃꯛ ꯇꯦꯃꯨꯒꯤ ꯃꯄꯥꯡꯒꯜ ꯈꯥꯛꯇꯨꯅ ꯂꯩꯔꯝꯈꯤ꯫ ꯃꯍꯥꯛꯅ ꯋꯣꯜꯗꯤꯕꯨ ꯂꯝꯊꯨꯡꯐꯝ ꯌꯧꯒꯗꯕ ꯃꯤꯇꯔ 50 ꯋꯥꯠꯂꯤꯉꯩꯗ ꯆꯦꯟꯈꯠꯈꯤꯗꯨꯅ ꯒꯖ 5 ꯍꯦꯟꯅ ꯊꯣꯏꯈꯤ꯫
ꯃꯀꯣꯛ ꯃꯊꯪ ꯇꯥꯈꯤꯕ ꯃꯈꯣꯏ ꯃꯉꯥꯃꯛꯀ ꯑꯋꯥꯡꯕ ꯃꯐꯝ ꯆꯤꯡ ꯂꯩꯕꯥꯛ ꯅꯠꯇ꯭ꯔꯒ ꯑꯋꯥꯡꯕ ꯂꯩꯇꯦꯝ ꯃꯥꯟꯅꯕ ꯂꯝ ꯄ꯭ꯇꯦꯇꯨꯗꯒꯤ ꯂꯝꯖꯦꯜꯂꯣꯏ ꯉꯥꯛꯇꯅꯤ꯫ ꯂꯝꯖꯦꯜ ꯑꯗꯨꯒꯤ ꯂꯝꯊꯨꯡꯐꯝ ꯌꯧꯈꯤꯕ ꯑꯋꯥꯡꯂꯝ ꯆꯤꯡꯒꯤ ꯂꯩꯕꯥꯛ ꯅꯠꯇ꯭ꯔꯒ ꯄ꯭ꯂꯦꯇꯨꯗꯒꯤ ꯅꯠꯇꯕ ꯑꯅꯦꯝꯕ ꯂꯩꯇꯦꯝ ꯃꯥꯟꯅꯕ ꯃꯐꯝꯗꯒꯤ ꯂꯥꯛꯈꯤꯕꯗꯤ ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯒꯤ ꯔꯣꯟ ꯀ꯭ꯂꯥꯔꯛꯅꯤ꯫ ꯃꯍꯥꯛꯇꯤ ꯋꯥꯟꯊꯗꯨꯅ ꯃꯤꯅꯤꯠ ꯇꯔꯥ ꯔꯣꯝ ꯂꯩꯈꯤ꯫ ꯃꯍꯥꯛ ꯀꯨꯝꯖꯥ 1956 ꯀꯤ ꯃꯦꯜꯕꯣꯔꯟ ꯑꯣꯂꯤꯝꯄꯤꯛꯇ ꯆꯍꯤ 19 ꯁꯨꯔꯝꯃꯤ ꯑꯗꯨꯒ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯑꯗꯨ ꯍꯧꯕ ꯅꯨꯃꯤꯠꯇ ꯁ꯭ꯇꯦꯗꯤꯌꯝ ꯃꯅꯨꯡꯗ ꯏꯔꯣꯏ ꯂꯣꯏꯕ ꯃꯩꯔꯥ ꯄꯥꯏꯔꯒ ꯆꯦꯟꯕ ꯑꯦꯊꯂꯤꯠ ꯑꯗꯨ ꯑꯣꯏꯔꯝꯃꯤ꯫ ꯃꯩꯔꯥ ꯑꯗꯨꯒꯤ ꯃꯩꯔꯤꯛꯁꯤꯡꯅ ꯃꯍꯥꯛꯀꯤ ꯃꯈꯨꯠꯇ ꯍꯧꯔꯤꯕ ꯃꯇꯨꯁꯤꯡ ꯑꯗꯨ ꯆꯥꯛꯂꯝꯃꯤ꯫ ꯃꯍꯥꯛꯀꯤ ꯃꯈꯨꯠ ꯑꯗꯨ ꯌꯥꯝꯅ ꯁꯥꯔꯝꯃꯤ ꯑꯗꯨ ꯐꯥꯎꯕ ꯃꯍꯥꯛꯀꯤ ꯃꯊꯧ ꯑꯗꯨ ꯀꯥꯏꯗꯅꯕ ꯃꯤꯌꯥꯝ ꯈꯪꯍꯟꯗꯅ ꯑꯣꯂꯤꯝꯄꯤꯛ ꯍꯧꯕꯒꯤ ꯊꯧꯔꯝ ꯑꯗꯨ ꯀꯥꯏꯍꯟꯗꯅ ꯃꯩꯔꯥ ꯑꯗꯨ ꯆꯨꯈꯠꯈꯤ꯫ ꯃꯗꯨꯕꯨ ꯏꯇꯤꯍꯥꯁꯤꯛ ꯑꯣꯏꯕ ꯊꯧꯗꯣꯛ ꯑꯃ ꯑꯣꯏꯈꯤ꯫=

- ꯂꯩꯁꯥꯡꯊꯦꯝ ꯑꯖꯤꯠ -